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DATE: Tuesday, August 10, 2004

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		<i>DB=PGPB,USPT,EPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L3	(intermittent adj claudication or (skeletal adj muscle adj injur\$ same ischemia)) and (GLP-1 or glucagon same like adj peptide adj 1 or exendin\$)	35
<input type="checkbox"/>	L2	(intermittent adj claudication or (skeletal adj muscle adj injur\$ same ischemia)) same (GLP-1 or glucagon same like adj peptide adj 1 or exendin\$)	3
<input type="checkbox"/>	L1	intermittent adj claudication or (skeletal adj muscle adj injur\$ same ischemia) same (GLP-1 or glucagon same like adj peptide adj 1 or exendin\$)	1667

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20030073626 A1

Using default format because multiple data bases are involved.

L2: Entry 1 of 3

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030073626

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030073626 A1

TITLE: Compositions and methods for treating peripheral vascular disease

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hathaway, David R.	Lincoln	NE	US	
Coolidge, Thomas R.	Falls Village	CT	US	

US-CL-CURRENT: [514/12](#); [424/722](#), [424/94.4](#), [514/18](#), [514/23](#), [514/419](#), [514/458](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 20030040469 A1

L2: Entry 2 of 3

File: PGPB

Feb 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030040469

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030040469 A1

TITLE: Lowering serum lipids

PUBLICATION-DATE: February 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Knudsen, Liselotte Bjerre	Valby		DK	

US-CL-CURRENT: [514/12](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 20030073626 A1

L2: Entry 3 of 3

File: DWPI

Apr 17, 2003

DERWENT-ACC-NO: 2003-677986

DERWENT-WEEK: 200365

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TITLE: Method for the treatment or prevention of intermittent claudication or skeletal muscle injury caused by ischemia and/or reperfusion in a human subject, comprises administration of a glucagon-like peptide-1 molecule

INVENTOR: COOLIDGE, T R; HATHAWAY, D R

PRIORITY-DATA: 2002US-0091258 (March 5, 2002), 1999US-0302596 (April 30, 1999), 2001US-0851738 (May 9, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20030073626 A1	April 17, 2003		012	A61K038/17

INT-CL (IPC): A61 K 31/355; A61 K 31/405; A61 K 31/70; A61 K 33/00; A61 K 38/06; A61 K 38/17; A61 K 38/44

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw Desc	Image
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Bkwd Refs

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Term	Documents
INTERMITTENT	116068
INTERMITTENTS	32
CLAUDICATION	2076
CLAUDICATIONS	3
SKELETAL	37451
SKELETALS	8
MUSCLE	117327
MUSCLES	42727
ISCHEMIA	26322
ISCHEMIUM	0
((INTERMITTENT ADJ CLAUDICATION OR (SKELETAL ADJ MUSCLE ADJ INJUR\$ SAME ISCHEMIA)) SAME (GLP-1 OR GLUCAGON SAME LIKE ADJ PEPTIDE ADJ 1 OR EXENDIN\$)).PGPB,USPT,EPAB,DWPI,TDBD.	3

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Search Results - Record(s) 1 through 35 of 35 returned.

☐ 1. Document ID: US 20040082646 A1

Using default format because multiple data bases are involved.

L3: Entry 1 of 35

File: PGPB

Apr 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040082646

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040082646 A1

TITLE: Use of glycogen phosphorylase inhibitors for treatment of cardiovascular diseases

PUBLICATION-DATE: April 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rytved, Klaus Asger	Bagsvaerd		DK	
Dragsted, Nils	Stenlose		DK	
Nyborg, Niels Chresten Berg	Horsholm		DK	
Iversen, Lars	Hvidovre		DK	
Kristiansen, Marit	Soborg		DK	

US-CL-CURRENT: [514/423](#); [514/424](#), [514/426](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 20040082641 A1

L3: Entry 2 of 35

File: PGPB

Apr 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040082641

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040082641 A1

TITLE: Use of glycogen phosphorylase inhibitors for treatment of cardiovascular diseases

PUBLICATION-DATE: April 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rytved, Klaus Asger	Bagsvaerd		DK	
Dragsted, Nils	Stenlose		DK	
Nyborg, Niels Chresten Berg	Horsholm		DK	
Iversen, Lars	Hvidovre		DK	

Kristiansen, Marit

Soborg

DK

US-CL-CURRENT: [514/408](#); [514/423](#), [514/424](#), [514/426](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 3. Document ID: US 20040077689 A1

L3: Entry 3 of 35

File: PGPB

Apr 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040077689

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040077689 A1

TITLE: Abc expression promoters

PUBLICATION-DATE: April 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sugiyama, Yasuo	Kawanishi-shi		JP	
Fuse, Hiromatsu	Tsukuba-shi		JP	
Hirakata, Masao	Kobe-shi		JP	
Tozawa, Ryuichi	Toyonaka-shi		JP	

US-CL-CURRENT: [514/342](#); [514/352](#), [514/354](#), [514/369](#), [514/423](#), [514/426](#), [514/567](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 4. Document ID: US 20040072874 A1

L3: Entry 4 of 35

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040072874

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040072874 A1

TITLE: N-substituted-2-oxodihydropyridine derivatives

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sato, Nagaaki	Ibaraki		JP	
Ando, Makoto	Ibaraki		JP	
Ishikawa, Shiho	Ibaraki		JP	
Nagase, Tsuyoshi	Ibaraki		JP	
Nagai, Keita	Ibaraki		JP	
Kanatani, Akio	Ibaraki		JP	

US-CL-CURRENT: 514/341; 546/274.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 5. Document ID: US 20040054177 A1

L3: Entry 5 of 35

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040054177

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040054177 A1

TITLE: Novel benzimidazole derivatives

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Otake, Norikazu	Tsukuba-shi		JP	
Moriya, Minoru	Tsukuba-shi		JP	
Ogino, Yoshio	Tsukuba-shi		JP	
Matsuda, Kenji	Tokyo		JP	
Nagae, Yoshikazu	Tsukuba-shi		JP	
Kanatani, Akio	Tsukuba-shi		JP	
Fukami, Takehiro	Tsukuba-shi		JP	

US-CL-CURRENT: 544/230; 546/18, 548/300.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 6. Document ID: US 20040053889 A1

L3: Entry 6 of 35

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040053889

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040053889 A1

TITLE: Pharmaceutical use of boronic acids and esters thereof

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ebdrup, Soren	Roskilde		DK	
Vedso, Per	Frederiksberg		DK	
Jacobsen, Poul	Slangerup		DK	

US-CL-CURRENT: 514/64

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 7. Document ID: US 20040039033 A1

L3: Entry 7 of 35

File: PGPB

Feb 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040039033

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040039033 A1

TITLE: (1-phenyl-2-heteroaryl)ethyl-guanidine compounds as inhibitors of mitochondrial F1F0 ATP hydrolase

PUBLICATION-DATE: February 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Atwal, Karnail S.	Pennington	NJ	US	
Grover, Gary J.	Stockton	NJ	US	
Ding, Charles Z.	Dallas	TX	US	
Stein, Philip D.	Pennington	NJ	US	
Lloyd, John	Yardley	PA	US	
Ahmad, Saleem	Wall	NJ	US	
Hamann, Lawrence G.	Cherry Hill	NJ	US	
Green, David	Haverhill	MA	US	
Ferrara, Francis N.	Bedminster	NJ	US	

US-CL-CURRENT: [514/357](#); [514/367](#), [514/408](#), [514/438](#), [514/470](#), [514/524](#), [546/330](#), [548/205](#), [548/577](#), [549/491](#), [549/75](#), [558/422](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 8. Document ID: US 20040009972 A1

L3: Entry 8 of 35

File: PGPB

Jan 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040009972

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040009972 A1

TITLE: Benzodiazepine inhibitors of mitochondrial F1F0 ATP hydrolase and methods of inhibiting F1F0 ATP hydrolase

PUBLICATION-DATE: January 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ding, Charles Z.	Plano	TX	US	
Hamann, Lawrence G.	Cherry Hill	NJ	US	
Stein, Philip D.	Pennington	NJ	US	

Pudzianowski, Andrew T.

Yardley

PA

US

US-CL-CURRENT: [514/221](#); [540/573](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 9. Document ID: US 20030236272 A1

L3: Entry 9 of 35

File: PGPB

Dec 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030236272

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030236272 A1

TITLE: Method and composition for treatment of diabetes, hypertension, chronic heart failure and fluid retentive states

PUBLICATION-DATE: December 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Carr, Richard David	Vaerlose		DK	

US-CL-CURRENT: [514/263.2](#); [514/263.22](#), [514/423](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 10. Document ID: US 20030224501 A1

L3: Entry 10 of 35

File: PGPB

Dec 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030224501

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030224501 A1

TITLE: Bone morphogenic protein polynucleotides, polypeptides, and antibodies

PUBLICATION-DATE: December 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Young, Paul E.	Gaithersburg	MD	US	
Ruben, Steven M.	Brookeville	MD	US	

US-CL-CURRENT: [435/226](#); [435/320.1](#), [435/325](#), [435/6](#), [435/69.1](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 11. Document ID: US 20030220255 A1

L3: Entry 11 of 35

File: PGPB

Nov 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030220255
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030220255 A1

TITLE: GLP-1 agonist and cardiovascular complications

PUBLICATION-DATE: November 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Knudsen, Liselotte Bjerre	Valby		DK	
Rolin, Bidda Charlotte	Naerum		DK	
Carr, Richard David	Vaerlose		DK	
Selmer, Johan	Farum		DK	
Larsen, Jens	Fredensborg		DK	
Elbrond, Bodil	Kobenhavn		DK	
Nielsen, Lars Bo	Virum		DK	
Christoffersen, Christina	Kobenhavn		DK	

US-CL-CURRENT: 514/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 12. Document ID: US 20030215836 A1

L3: Entry 12 of 35

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030215836
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030215836 A1

TITLE: Bone morphogenic protein polynucleotides, polypeptides, and antibodies

PUBLICATION-DATE: November 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Young, Paul E.	Gaithersburg	MD	US	
Ruben, Steven M.	Brookeville	MD	US	

US-CL-CURRENT: 435/6; 424/94.65, 435/226, 435/320.1, 435/325, 435/69.1, 435/7.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 13. Document ID: US 20030166690 A1

L3: Entry 13 of 35

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030166690
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030166690 A1

TITLE: Use of compounds for decreasing activity of hormone-sensitive

PUBLICATION-DATE: September 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ebdrup, Soren	Roskilde		DK	
de Jong, Johannes Cornelis	Bagsvaerd		NL	
Jacobsen, Poul	Slangerup		DK	
Hansen, Holger Claus	Vaerlose		DK	
Vedso, Per	Frederiksberg		DK	

US-CL-CURRENT: [514/354](#); [514/423](#), [514/521](#), [514/599](#), [514/625](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 14. Document ID: US 20030166644 A1

L3: Entry 14 of 35

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030166644
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030166644 A1

TITLE: Compounds and uses thereof for decreasing activity of hormone-sensitive lipase

PUBLICATION-DATE: September 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ebdrup, Soren	Roskilde		DK	
de Jong, Johannes Cornelis	Bagsvaerd		DK	
Jacobsen, Poul	Slangerup		DK	
Hansen, Holger Claus	Vaerlose		DK	
Vedso, Per	Frederiksberg		DK	

US-CL-CURRENT: [514/227.5](#); [514/227.8](#), [514/235.5](#), [514/237.5](#), [514/241](#), [514/252.02](#), [514/252.11](#), [514/252.14](#), [514/253.13](#), [514/255.01](#), [514/317](#), [514/318](#), [514/478](#), [544/124](#), [544/209](#), [544/238](#), [544/295](#), [544/357](#), [544/360](#), [544/59](#), [544/60](#), [546/194](#), [546/226](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 15. Document ID: US 20030138795 A1

L3: Entry 15 of 35

File: PGPB

Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030138795
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030138795 A1

TITLE: Polynucleotide encoding a novel human growth factor with homology to epidermal growth factor, BGS-8, expressed highly in immune tissue

PUBLICATION-DATE: July 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wu, Shujian	Langhorne	PA	US	
Lee, Liana M.	North Brunswick	NJ	US	
Feder, John N.	Belle Mead	NJ	US	

US-CL-CURRENT: [435/6](#); [435/183](#), [435/320.1](#), [435/325](#), [435/69.1](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 16. Document ID: US 20030096827 A1

L3: Entry 16 of 35

File: PGPB

May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030096827
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030096827 A1

TITLE: Compounds useful as modulators of melanocortin receptors and pharmaceutical compositions comprising same

PUBLICATION-DATE: May 22, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yu, Guixue	Lawrenceville	NJ	US	
Macor, John	Guilford	CT	US	
Herpin, Timothy	Princeton	NJ	US	
Lawrence, R. Michael	Yardley	PA	US	
Morton, George C.	Collegeville	PA	US	
Ruel, Rejean	Saint-Lambert	CT	CA	
Poindexter, Graham S.	Old Saybrook		US	
Ruediger, Edward H.	Greenfield Park		CA	
Thibault, Carl	Mascouche		CA	

US-CL-CURRENT: [514/255.01](#); [514/330](#), [514/616](#), [544/386](#), [546/207](#), [546/226](#), [558/430](#), [558/445](#), [564/152](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 17. Document ID: US 20030092732 A1

L3: Entry 17 of 35

File: PGPB

May 15, 2003

PGPUB-DOCUMENT-NUMBER: 20030092732

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030092732 A1

TITLE: Compounds useful as modulators of melanocortin receptors and pharmaceutical compositions comprising same

PUBLICATION-DATE: May 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yu, Guixue	Lawrenceville	NJ	US	
Macor, John	Guilford	CT	US	
Herpin, Timothy	Princeton	NJ	US	
Lawrence, R. Michael	Yardley	PA	US	
Morton, George C.	Collegeville	PA	US	
Ruel, Rejean	Saint-Lambert	CT	CA	
Poindexter, Graham S.	Old Saybrook		US	
Ruediger, Edward H.	Greenfield Park		CA	
Thibault, Carl	Mascouche		CA	

US-CL-CURRENT: [514/326](#); [514/330](#), [546/207](#), [546/226](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 18. Document ID: US 20030073626 A1

L3: Entry 18 of 35

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030073626

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030073626 A1

TITLE: Compositions and methods for treating peripheral vascular disease

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hathaway, David R.	Lincoln	NE	US	
Coolidge, Thomas R.	Falls Village	CT	US	

US-CL-CURRENT: [514/12](#); [424/722](#), [424/94.4](#), [514/18](#), [514/23](#), [514/419](#), [514/458](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 19. Document ID: US 20030069169 A1

L3: Entry 19 of 35

File: PGPB

Apr 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030069169

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030069169 A1

TITLE: Co-administration of melanocortin receptor agonist and phosphodiesterase inhibitor for treatment of cyclic-AMP associated disorders

PUBLICATION-DATE: April 10, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Macor, John E.	Guilford	CT	US	
Carlson, Kenneth E.	West Windsor	NJ	US	

US-CL-CURRENT: 514/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 20. Document ID: US 20030040469 A1

L3: Entry 20 of 35

File: PGPB

Feb 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030040469

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030040469 A1

TITLE: Lowering serum lipids

PUBLICATION-DATE: February 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Knudsen, Liselotte Bjerre	Valby		DK	

US-CL-CURRENT: 514/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 21. Document ID: US 20020143176 A1

L3: Entry 21 of 35

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020143176

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020143176 A1

TITLE: Compounds derived from an amine nucleus and pharmaceutical compositions comprising same

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Liu, Chunjian	Pennington	NJ	US	
Dhar, T.G. Murali	Newtown	PA	US	
Gu, Henry H.	Bordentown	NJ	US	
Iwanowicz, Edwin J.	Cranbury	NJ	US	
Leftheris, Katerina	Skillman	NJ	US	
Pitts, William J.	Newtown	PA	US	
Herpin, Timothy F.	Princeton	NJ	US	
Pi, Zulan	Pennington	NJ	US	
Bisacchi, Gregory S.	Ringoes	NJ	US	

US-CL-CURRENT: [544/59](#); [544/162](#), [544/224](#), [544/336](#), [546/329](#), [548/556](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 22. Document ID: US 20020086861 A1

L3: Entry 22 of 35

File: PGPB

Jul 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020086861

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020086861 A1

TITLE: Fused 1,2,4- thiadiazine derivatives, their preparation and use

PUBLICATION-DATE: July 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hansen, John Bondo	Jyderup		DK	
Nielsen, Flemming Elmelund	Virum		DK	

US-CL-CURRENT: [514/222.8](#); [544/10](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 23. Document ID: US 20020045616 A1

L3: Entry 23 of 35

File: PGPB

Apr 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020045616

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020045616 A1

TITLE: Lactam inhibitors of FXa and method

PUBLICATION-DATE: April 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Stein, Philip D.	Pennington	NJ	US	
Shi, Yan	Flourtown	PA	US	
O'Connor, Stephen P.	Newtown	PA	US	
Li, Chi	Randolph	NJ	US	

US-CL-CURRENT: [514/212.08](#); [540/524](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 24. Document ID: US 20020025957 A1

L3: Entry 24 of 35

File: PGPB

Feb 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020025957

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020025957 A1

TITLE: Lactam inhibitors of factor Xa and method

PUBLICATION-DATE: February 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Stein, Philip D.	Pennington	NJ	US	
O'Connor, Stephen P.	Newtown	PA	US	
Shi, Yan	Flourtown	PA	US	
Li, Chi	Randolph	NJ	US	

US-CL-CURRENT: [514/212.08](#); [514/319](#), [514/326](#), [514/422](#), [540/524](#), [546/207](#), [546/208](#), [548/517](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 25. Document ID: US 6713487 B2

L3: Entry 25 of 35

File: USPT

Mar 30, 2004

US-PAT-NO: 6713487

DOCUMENT-IDENTIFIER: US 6713487 B2

TITLE: Compounds useful as modulators of melanocortin receptors and pharmaceutical compositions comprising same

DATE-ISSUED: March 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yu, Guixue	Lawrenceville	NJ		
Macor, John	Guilford	CT		

Herpin; Timothy	Princeton	NJ	
Lawrence; R. Michael	Yardley	PA	
Morton; George C.	Collegeville	PA	
Ruel; Rejean	Saint-Lambert		CA
Poindexter; Graham S.	Old Saybrook	CT	
Ruediger; Edward H.	Greenfield Park		CA
Thibault; Carl	Mascouche		CA

US-CL-CURRENT: [514/278](#); [546/15](#), [546/17](#), [546/18](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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☐ 26. Document ID: US 6596747 B2

L3: Entry 26 of 35

File: USPT

Jul 22, 2003

US-PAT-NO: 6596747

DOCUMENT-IDENTIFIER: US 6596747 B2

TITLE: Compounds derived from an amine nucleus and pharmaceutical compositions comprising same

DATE-ISSUED: July 22, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Liu; Chunjian	Pennington	NJ		
Dhar; T. G. Murali	Newtown	PA		
Gu; Henry H.	Bordentown	NJ		
Iwanowicz; Edwin J.	Cranbury	NJ		
Leftheris; Katerina	Skillman	NJ		
Pitts; William J.	Newtown	PA		
Herpin; Timothy F.	Princeton	NJ		
Bisacchi; Gregory S.	Ringoes	NJ		

US-CL-CURRENT: [514/374](#); [514/378](#), [548/215](#), [548/233](#), [548/240](#), [548/245](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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☐ 27. Document ID: US 6544981 B2

L3: Entry 27 of 35

File: USPT

Apr 8, 2003

US-PAT-NO: 6544981

DOCUMENT-IDENTIFIER: US 6544981 B2

TITLE: Lactam inhibitors of factor Xa and method

DATE-ISSUED: April 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stein; Philip D.	Pennington	NJ		
O'Connor; Stephen P.	Newtown	PA		
Shi; Yan	Flourtown	PA		
Li; Chi	Randolph	NJ		

US-CL-CURRENT: 514/212.08; 540/526, 540/527

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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☐ 28. Document ID: US 6511973 B2

L3: Entry 28 of 35

File: USPT

Jan 28, 2003

US-PAT-NO: 6511973

DOCUMENT-IDENTIFIER: US 6511973 B2

TITLE: Lactam inhibitors of FXa and method

DATE-ISSUED: January 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stein; Philip D.	Pennington	NJ		
Shi; Yan	Flourtown	PA		
O'Connor; Stephen P.	Newtown	PA		
Li; Chi	Randolph	NJ		

US-CL-CURRENT: 514/212.03; 514/212.08, 540/524, 540/527

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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☐ 29. Document ID: US 6329367 B1

L3: Entry 29 of 35

File: USPT

Dec 11, 2001

US-PAT-NO: 6329367

DOCUMENT-IDENTIFIER: US 6329367 B1

TITLE: Fused 1,2,4-thiadiazine derivatives, their preparation and use

DATE-ISSUED: December 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hansen; John Bondo	Jyderup			DK
Nielsen; Flemming Elmelund	Virum			DK

US-CL-CURRENT: 514/222.8; 544/10

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw Desc	Image
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☐ 30. Document ID: US 6232310 B1

L3: Entry 30 of 35

File: USPT

May 15, 2001

US-PAT-NO: 6232310

DOCUMENT-IDENTIFIER: US 6232310 B1

TITLE: Fused 1,4-thiazine-2-carbonitrile derivatives, their preparation and use

DATE-ISSUED: May 15, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hansen; Holger Claus	V.ae butt.ed.rl.o slashed.se			DK
Tagmose; Tina M.o slashed.ller	Ballerup			DK
Hansen; John Bondo	Jyderup			DK

US-CL-CURRENT: 514/224.2; 544/51, 544/52

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw Desc	Image
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☐ 31. Document ID: US 6100300 A

L3: Entry 31 of 35

File: USPT

Aug 8, 2000

US-PAT-NO: 6100300

DOCUMENT-IDENTIFIER: US 6100300 A

TITLE: Metformin formulations and method for treating intermittent claudication employing same

DATE-ISSUED: August 8, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rogosky; Karen M.	Robbinsville	NJ		

US-CL-CURRENT: 514/635; 564/233

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=> s (intermittent (w) claudication or (skeletal (w) muscle (w) injury (s) ischemia)) and
(GLP-1 or glucagon (w) like (w) peptide (w) 1 or exendin?)

L1	0	FILE ADISCTI
L2	0	FILE ADISINSIGHT
L3	0	FILE ADISNEWS
L4	0	FILE AGRICOLA
L5	0	FILE AQUALINE
L6	0	FILE ANABSTR
L7	0	FILE ANTE
L8	0	FILE AQUASCI
L9	0	FILE BIOBUSINESS
L10	0	FILE BIOCOMMERCE
L11	0	FILE BIOENG
L12	0	FILE BIOSIS
L13	0	FILE BIOTECHDS
L14	0	FILE BIOTECHNO
L15	0	FILE CABA
L16	0	FILE CANCERLIT
L17	3	FILE CAPLUS
L18	0	FILE CEABA-VTB

L19 0 FILE CEN
 L20 0 FILE CIN
 L21 0 FILE CONFSCI
 L22 0 FILE CROPB
 L23 0 FILE CROPU
 L24 0 FILE DISSABS
 L25 25 FILE DGENE
 L26 0 FILE DRUGB
 L27 0 FILE DRUGMONOG2
 L28 0 FILE IMSDRUGNEWS
 L29 0 FILE DRUGU
 L30 0 FILE IMSRESEARCH
 L31 0 FILE EMBAL
 L32 0 FILE EMBASE
 L33 0 FILE ESBIODBASE
 PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
 FIELD CODE - 'AND' OPERATOR ASSUMED 'INJURY (S) ISCHEMIA'
 L34 0 FILE FEDRIP
 L35 0 FILE FOMAD
 L36 0 FILE FOREGE
 L37 0 FILE FROSTI
 L38 0 FILE FSTA
 L39 0 FILE GENBANK
 L40 0 FILE HEALSAFE
 L41 3 FILE IFIPAT
 L42 0 FILE IMSPRODUCT
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 L59 0 FILE PROUSDDR
 L60 0 FILE RDISCLOSURE
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 L62 0 FILE SYNTHLINE
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 L64 27 FILE USPATFULL
 L65 4 FILE USPAT2
 L66 0 FILE VETB
 L67 0 FILE VETU
 L68 0 FILE WATER
 L69 4 FILE WPIDS
 L70 0 FILE WPIFV
 L71 0 FILE IPA
 L72 0 FILE NAPRALERT
 L73 2 FILE NLDB

TOTAL FOR ALL FILES

L74 68 (INTERMITTENT (W) CLAUDICATION OR (SKELETAL (W) MUSCLE (W) INJURY (S) ISCHEMIA)) AND (GLP-1 OR GLUCAGON (W) LIKE (W) PEPTIDE (W) 1 OR EXENDIN?)

=> dup rem 174

DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE, DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,

MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, PROUSDDR, RDISCLOSURE, SYNTHLINE'.
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 L75 58 DUP REM L74 (10 DUPLICATES REMOVED)

=> d 175 1-58 ibib abs

L75 ANSWER 1 OF 58 COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 2004:70053 NLDB
 TITLE: Other News To Note.
 SOURCE: BIEWORLD Today, (14 Apr 2004) Vol. 15, No. 71.
 PUBLISHER: Thomson Healthcare, Inc.
 DOCUMENT TYPE: Newsletter
 LANGUAGE: English
 WORD COUNT: 1922

L75 ANSWER 2 OF 58 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:490736 CAPLUS
 DOCUMENT NUMBER: 141:47336
 TITLE: Combination treatment for diabetes and related diseases using **exendins** and thiazolidinediones
 INVENTOR(S): Knudsen, Lotte Bjerre
 PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
 SOURCE: PCT Int. Appl., 31 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004050115	A2	20040617	WO 2003-DK824	20031201
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: DK 2002-1864 A 20021203
 US 2002-431999P P 20021209

AB The invention provides methods for treatment and/or prevention of diabetes and diabetes-related diseases. More specifically, the methods and uses of the invention pertain to administration of an **exendin-4** compound in combination with administration of a thiazolidinedione insulin sensitizer.

L75 ANSWER 3 OF 58 USPATFULL on STN

ACCESSION NUMBER: 2004:108244 USPATFULL
 TITLE: Use of glycogen phosphorylase inhibitors for treatment of cardiovascular diseases
 INVENTOR(S): Rytved, Klaus Asger, Bagsvaerd, DENMARK
 Dragsted, Nils, Stenlose, DENMARK
 Nyborg, Niels Chresten Berg, Horsholm, DENMARK
 Iversen, Lars, Hvidovre, DENMARK
 Kristiansen, Marit, Soborg, DENMARK

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2004082646 A1 20040429
 APPLICATION INFO.: US 2003-429626 A1 20030505 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	DK 2002-1630	20021028
	US 2002-422081P	20021029 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Reza Green, Esq., Novo Nordisk Pharmaceuticals, Inc., 100 College Road West, Princeton, NJ, 08540	
NUMBER OF CLAIMS:	55	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1140	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides methods which may effectively be used in the treatment and prevention of early cardiac and early cardiovascular diseases, for example of ischemic origin, such as left ventricular hypertrophy, coronary artery disease, essential hypertension, acute hypertensive emergency, cardiomyopathy, heart insufficiency, exercise tolerance, chronic heart failure, arrhythmia, cardiac dysrhythmia, syncope, arteriosclerosis, mild chronic heart failure, angina pectoris, cardiac bypass reocclusion, **intermittent claudication** (arteriosclerosis obliterans), diastolic dysfunction and systolic dysfunction, as well as improving the success of heart transplantations, through administration of glycogen phosphorylase inhibitor compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 4 OF 58 USPATFULL on STN

ACCESSION NUMBER: 2004:108239 USPATFULL
 TITLE: Use of glycogen phosphorylase inhibitors for treatment of cardiovascular diseases
 INVENTOR(S): Rytved, Klaus Asger, Bagsvaerd, DENMARK
 Dragsted, Nils, Stenlose, DENMARK
 Nyborg, Niels Chresten Berg, Horsholm, DENMARK
 Iversen, Lars, Hvidovre, DENMARK
 Kristiansen, Marit, Soborg, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004082641	A1	20040429
APPLICATION INFO.:	US 2003-429625	A1	20030505 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	DK 2002-1630	20021028
	US 2002-422081P	20021029 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Reza Green, Esq., Novo Nordisk Pharmaceuticals, Inc., 100 College Road West, Princeton, NJ, 08540	
NUMBER OF CLAIMS:	134	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2267	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides methods of treatment and prevention of early cardiac and early cardiovascular diseases, for instance of ischemic origin, such as left ventricular hypertrophy, coronary artery disease, essential hypertension, acute hypertensive emergency, cardiomyopathy, heart insufficiency, exercise tolerance, chronic heart failure, arrhythmia, cardiac dysrhythmia, syncope, arteriosclerosis, mild chronic heart failure, angina pectoris, cardiac bypass reocclusion, **intermittent claudication** (arteriosclerosis obliterans), diastolic dysfunction and systolic dysfunction, as well as improving the success of heart transplantations, through administration

of glycogen phosphorylase inhibitor compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 5 OF 58 USPATFULL on STN

ACCESSION NUMBER: 2004:101819 USPATFULL
TITLE: Abc expression promoters
INVENTOR(S): Sugiyama, Yasuo, Kawanishi-shi, JAPAN
Fuse, Hiromatsu, Tsukuba-shi, JAPAN
Hirakata, Masao, Kobe-shi, JAPAN
Tozawa, Ryuichi, Toyonaka-shi, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004077689	A1	20040422
APPLICATION INFO.:	US 2003-468433	A1	20031016 (10)
	WO 2002-JP4072		20020424

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2001-128222	20010425
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	TAKEDA PHARMACEUTICALS NORTH AMERICA, INC, INTELLECTUAL PROPERTY DEPARTMENT, 475 HALF DAY ROAD, SUITE 500, LINCOLNSHIRE, IL, 60069	
NUMBER OF CLAIMS:	43	
EXEMPLARY CLAIM:	1	
LINE COUNT:	3534	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The ABCA1 mRNA expression-promoting agent, LXR α mRNA expression-promoting agent, ABCG1 mRNA expression-promoting agent, cholesterol efflux-promoting agent, cholesteryl ester accumulation-inhibiting agent, ACAT-1 mRNA expression-inhibiting agent and CEH mRNA expression-promoting agent of the present invention are excellent in the ability to control cholesterol distribution in the body and have low toxicity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 6 OF 58 USPATFULL on STN

ACCESSION NUMBER: 2004:95419 USPATFULL
TITLE: N-substituted-2-oxodihydropyridine derivatives
INVENTOR(S): Sato, Nagaaki, Ibaraki, JAPAN
Ando, Makoto, Ibaraki, JAPAN
Ishikawa, Shiho, Ibaraki, JAPAN
Nagase, Tsuyoshi, Ibaraki, JAPAN
Nagai, Keita, Ibaraki, JAPAN
Kanatani, Akio, Ibaraki, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004072874	A1	20040415
APPLICATION INFO.:	US 2003-641017	A1	20030815 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2002-287015	20020930
	JP 2002-353202	20021205
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WENDEROTH, LIND & PONACK, L.L.P., 2033 K STREET N. W., SUITE 800, WASHINGTON, DC, 20006-1021	
NUMBER OF CLAIMS:	45	
EXEMPLARY CLAIM:	1	
LINE COUNT:	4613	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A compound of the formula (I): ##STR1##

(wherein Ar.^{sup.1} and Ar.^{sup.2} are independently aryl or heteroaryl, any of which is optionally substituted by a substituent selected from the group consisting of cyano, halogen, nitro, lower alkyl, halo-lower alkyl, hydroxy-lower alkyl, cyclo-lower alkyl, cyclo (lower alkyl)-lower alkyl, lower alkenyl, lower alkylamino, di-lower alkylamino, lower alkanoylamino, lower alkylsulfonylamino, arylsulfonylamino, hydroxy, lower alkoxy, halo-lower alkoxy, aryloxy, heteroaryloxy, lower alkylthio, carboxyl, formyl, lower alkanoyl, lower alkoxycarbonyl, carbamoyl, lower alkylcarbamoyl, di-lower alkylcarbamoyl, lower alkylsulfonyl, arylsulfonyl, aryl and heteroaryl;

R.^{sup.1}and R.^{sup.2} are independently lower alkyl, cyclo-lower alkyl, cyclo(lower alkyl)-lower alkyl or lower alkoxy, any of which is optionally substituted by a substituent selected from the group consisting of halogen, lower alkylamino, di-lower alkylamino, lower alkanoylamino, hydroxy, lower alkoxy, formyl, lower alkoxycarbonyl, lower alkylcarbamoyl and di-lower alkylcarbamoyl;

R.^{sup.3}, R.^{sup.4} and R.^{sup.5} are independently hydrogen, cyano, halogen or hydroxy, or lower alkyl, lower alkoxy or lower alkylthio, the last three groups being optionally substituted by a substituent selected from the group consisting of halogen, lower alkylamino, di-lower alkylamino, lower alkanoylamino, hydroxy, lower alkoxy, formyl, lower alkoxycarbonyl, lower alkylcarbamoyl and di-lower alkylcarbamoyl), or a salt or ester thereof is useful as a neuropeptide Y receptor antagonist agent and is also useful as an agent for the treatment of bulimia, obesity or diabetes.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 7 OF 58 USPATFULL on STN

ACCESSION NUMBER: 2004:70949 USPATFULL
TITLE: Novel benzimidazole derivatives
INVENTOR(S): Otake, Norikazu, Tsukuba-shi, JAPAN
Moriya, Minoru, Tsukuba-shi, JAPAN
Ogino, Yoshio, Tsukuba-shi, JAPAN
Matsuda, Kenji, Tokyo, JAPAN
Nagae, Yoshikazu, Tsukuba-shi, JAPAN
Kanatani, Akio, Tsukuba-shi, JAPAN
Fukami, Takehiro, Tsukuba-shi, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004054177	A1	20040318
APPLICATION INFO.:	US 2003-463390	A1	20030618 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2002-190978	20020628
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WENDEROTH, LIND & PONACK, L.L.P., 2033 K STREET N. W., SUITE 800, WASHINGTON, DC, 20006-1021	
NUMBER OF CLAIMS:	32	
EXEMPLARY CLAIM:	1	
LINE COUNT:	4107	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a compound of the formula (I):
##STR1##

(wherein A, B, C and D are independently nitrogen or optionally substituted methine; E is nitrogen, methine or hydroxy substituted methine; n is 0 or 1; T, U, V and W are independently nitrogen or

optionally substituted methine; X is --N(SO.sub.2R.sup.4)--, --N(COR.sup.5)-- or --CO--; Y is --C(R.sup.6)(R.sup.7)--, --O-- or --N(R.sup.8)--, provided that the compound (I) when E is nitrogen, n is 0, X is --CO--, and Y is --O-- is excluded) and the like, which are useful as an agent for the treatment of various diseases related to NPY, for example cardiovascular disorders such as angina, acute or congestive heart failure, myocardial infarction, hypertension, nephropathy, electrolyte abnormality, vasospasm, arteriosclerosis, etc., central nervous system disorders such as bulimia, depression, anxiety, seizure, epilepsy, dementia, pain, alcoholism, drug withdrawal, circadian rhythm disorders, schizophrenia, memory impairment, sleep disorders, cognitive impairment, etc., metabolic diseases such as obesity, diabetes, hormone abnormality, hypercholesterolemia, hyperlipidemia, gout, fatty liver, etc., genital or reproductive disorders such as infertility, preterm labor, sexual dysfunction, etc., gastro-intestinal disorders, respiratory disorder, inflammatory diseases or glaucoma, and the like, also for example, atherosclerosis, hypogonadism, hyperandrogenism, polycystic ovary syndrome (Pickwickian syndrome), hirsutism, gastro-intestinal motility disorder, obesity-related gastro-esophageal reflux, obesity hypoventilation, sleep apnea, inflammation, systemic inflammation of the vasculature, osteoarthritis, insulin resistance, bronchoconstriction, alcohol preference, metabolic syndrome, Alzheimer's disease, cardiac hypertrophy, left ventricular hypertrophy, hypertriglyceridemia, low HDL cholesterol, cardiovascular disorders such as coronary heart disease (CHD), cerebrovascular disease, stroke, peripheral vascular disease, sudden death, gallbladder diseases, cancer (breast, endometrial, colon), breathlessness, hyperuricemia, impaired fertility, low back pain, or increased anesthetic risk, and the like.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 8 OF 58 USPATFULL on STN

ACCESSION NUMBER: 2004:70661 USPATFULL
 TITLE: Pharmaceutical use of boronic acids and esters thereof
 INVENTOR(S): Ebdrup, Soren, Roskilde, DENMARK
 Vedso, Per, Frederiksberg, DENMARK
 Jacobsen, Poul, Slangerup, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004053889	A1	20040318
APPLICATION INFO.:	US 2003-614233	A1	20030707 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2003-DK315, filed on 14 May 2003, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	DK 2002-902	20020614
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Reza Green, Esq, Novo Nordisk Pharmaceuticals, Inc., 100 College Road West, Princeton, NJ, 08540	
NUMBER OF CLAIMS:	35	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2139	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Use of compounds to inhibit hormone-sensitive lipase, the use of these compounds as pharmaceutical compositions, pharmaceutical compositions comprising the compounds, method of treatment employing these compounds and compositions, and novel compounds. The present compounds are inhibitors of hormone-sensitive lipase and may be useful in the treatment and/or prevention of a range of medical disorders where a decreased activity of hormone-sensitive lipase is desirable.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 9 OF 58 USPATFULL on STN

ACCESSION NUMBER: 2004:51602 USPATFULL

TITLE: (1-phenyl-2-heteroaryl)ethyl-guanidine compounds as inhibitors of mitochondrial F1F0 ATP hydrolase
INVENTOR(S): Atwal, Karnail S., Pennington, NJ, UNITED STATES
Grover, Gary J., Stockton, NJ, UNITED STATES
Ding, Charles Z., Dallas, TX, UNITED STATES
Stein, Philip D., Pennington, NJ, UNITED STATES
Lloyd, John, Yardley, PA, UNITED STATES
Ahmad, Saleem, Wall, NJ, UNITED STATES
Hamann, Lawrence G., Cherry Hill, NJ, UNITED STATES
Green, David, Haverhill, MA, UNITED STATES
Ferrara, Francis N., Bedminster, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004039033	A1	20040226
APPLICATION INFO.:	US 2002-315818	A1	20021210 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-339108P	20011210 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2858	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having the formula (I), and pharmaceutically acceptable salts thereof, ##STR1##

are useful for modulating mitochondrial F.sub.1F.sub.0 ATPase activity and treating ischemic conditions including myocardial infarction, congestive heart failure, and cardiac arrhythmias.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 10 OF 58 USPATFULL on STN

ACCESSION NUMBER: 2004:13450 USPATFULL

TITLE: Benzodiazepine inhibitors of mitochondrial F1F0 ATP hydrolase and methods of inhibiting F1F0 ATP hydrolase
INVENTOR(S): Ding, Charles Z., Plano, TX, UNITED STATES
Hamann, Lawrence G., Cherry Hill, NJ, UNITED STATES
Stein, Philip D., Pennington, NJ, UNITED STATES
Pudzianowski, Andrew T., Yardley, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004009972	A1	20040115
APPLICATION INFO.:	US 2003-461736	A1	20030613 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-389213P	20020617 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1625	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having the formula (I), ##STR1##

are useful as inhibitors of mitochondrial F.sub.1F.sub.0 ATP hydrolase, wherein R.sub.1, R.sub.5 and R.sub.7 are optional substituents, R.sub.2, R.sub.3 and R.sub.4 are hydrogen, alkyl, or substituted alkyl, or comprise a bond to R, T or Y; Z and Y are selected from C(.dbd.O), --CO.sub.2--, --SO.sub.2--, --CH.sub.2--, --CH.sub.2C(.dbd.O)--, and --C(.dbd.O)C(.dbd.O)--, or Z may be absent; R and T are CH.sub.2--, --C(.dbd.O)--, or --CH[(CH.sub.2).sub.p(Q)]--, wherein Q is NR.sub.10R.sub.11, OR.sub.10 or CN and p is 0, 1 or 2; R.sub.6 is alkyl, alkenyl, substituted alkyl, substituted alkenyl, aryl, cycloalkyl, heterocyclo, or heteroaryl; R.sub.10 and R.sub.11 are hydrogen, alkyl, or substituted alkyl; and r and t are 0 or 1.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 11 OF 58 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
 ACCESSION NUMBER: 2003:551365 CAPLUS
 DOCUMENT NUMBER: 139:111703
 TITLE: Method and composition using a dipeptidyl peptidase IV inhibitor-neutral endopeptidase inhibitor combination for treatment of diabetes, hypertension, chronic heart failure, and fluid retentive states
 INVENTOR(S): Carr, Richard David
 PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
 SOURCE: PCT Int. Appl., 84 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003057200	A2	20030717	WO 2003-DK17	20030113
WO 2003057200	A3	20040624		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003236272	A1	20031225	US 2003-421465	20030423
PRIORITY APPLN. INFO.:			DK 2002-47	A 20020111
			US 2002-348332P	P 20020114
			WO 2003-DK17	A1 20030113

OTHER SOURCE(S): MARPAT 139:111703

AB The invention provides a method and composition for treatment of diabetes, hypertension, chronic heart failure and fluid retentive states, comprising administering inhibitors of neutral endopeptidase and dipeptidyl peptidase IV (DPP-IV) to individuals suffering from one or more of these conditions. Inhibition of the activity of the two enzymes will potentiate the insulin-releasing activity of endogenous **glucagon-like peptide 1 (GLP-1)** and other DPP-IV substrates, e.g. gastric inhibitory peptide (GIP). Preparation of heterocyclic DPP-IV inhibitors is described.

L75 ANSWER 12 OF 58 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2
 ACCESSION NUMBER: 2003:300601 CAPLUS
 DOCUMENT NUMBER: 138:298126
 TITLE: Compositions and methods for treating peripheral vascular disease with **GLP-1** compounds

INVENTOR(S): Hathaway, David R.; Coolidge, Thomas R.
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 12 pp., Cont.-in-part of U.S. Ser. No. 851,738.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003073626	A1	20030417	US 2002-91258	20020305
US 6284725	B1	20010904	US 1999-302596	19990430
US 2002055460	A1	20020509	US 2001-851738	20010509
PRIORITY APPLN. INFO.:			US 1999-302596	A3 19990430
			US 2001-851738	A2 20010509
			US 1998-103498P	P 19981008

AB The present invention relates to methods of treating **intermittent claudication** comprising administering **glucagon-like peptide-1 (GLP-1)** mols. to subjects suffering therefrom. A method of treating or preventing **skeletal muscle injury** caused by **ischemia** and/or reperfusion in a subject comprising the step of administering a therapeutically effective amount of **GLP-1** mol. is also claimed. The subject can also be administered free radical scavengers, glucose, or potassium. The **GLP-1** compound is administered by an infusion pump or by s.c. injection of a slow-release formulation.

L75 ANSWER 13 OF 58 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 3

AN 10491841 IFIPAT;IFIUDB;IFICDB
 TITLE: METHOD AND COMPOSITION FOR TREATMENT OF DIABETES, HYPERTENSION, CHRONIC HEART FAILURE AND FLUID RETENTIVE STATES
 INVENTOR(S): Carr; Richard David, Vaerlose, DK
 PATENT ASSIGNEE(S): Unassigned
 AGENT: Reza Green, Esq. Novo Nordisk Pharmaceuticals, Inc., 100 College Road West, Princeton, NJ, 08540, US

	NUMBER	PK	DATE
PATENT INFORMATION:	US 2003236272	A1	20031225
APPLICATION INFORMATION:	US 2003-421465		20030423

	APPLN. NUMBER	DATE	GRANTED PATENT NO. OR STATUS
CONTINUATION OF:	WO 2003-DK17	20030113	

	NUMBER	DATE
PRIORITY APPLN. INFO.:	DK 2002-47	20020111
	US 2002-348332P	20020114 (Provisional)
FAMILY INFORMATION:	US 2003236272	20031225
DOCUMENT TYPE:	Utility	
	Patent Application - First Publication	
FILE SEGMENT:	CHEMICAL APPLICATION	

PARENT CASE DATA:

This application is a continuation of application serial no. PCT/ DK03/00017 filed on Jan. 13, 2003 and claims priority under 35 U.S.C. 119 of Danish application no. PA 2002 00047 filed Jan. 11, 2002 and U.S. provisional application No. 60/348,332 filed Jan. 14, 2002, the contents of which are fully

incorporated herein by reference.

NUMBER OF CLAIMS: 23

AB The present invention is related to a method and composition for treatment of diabetes, hypertension, chronic heart failure and fluid retentive states comprising administering inhibitors of the enzymes NEP and DPP-IV to individuals suffering from one or more of those conditions. Inhibition of the activity of the two enzymes will potentiate the insulin releasing activity of endogenous GLP-1 and other DPP-IV substrates like GIP.

CLMN 23

L75 ANSWER 14 OF 58 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 4

AN 10475826 IFIPAT;IFIUDB;IFICDB

TITLE: GLP-1 AGONIST AND CARDIOVASCULAR COMPLICATIONS

INVENTOR(S): Carr; Richard David, Vaerloose, DK
Christoffersen; Christina, Kobenhavn, DK
Elbrond; Bodil, Kobenhavn, DK
Knudsen; Liselotte Bjerre, Valby, DK
Larsen; Jens, Fredensborg, DK
Nielsen; Lars Bo, Virum, DK
Rolin; Bidda Charlotte, Naerum, DK
Selmer; Johan, Farum, DK

PATENT ASSIGNEE(S): Unassigned

AGENT: Reza Green, Esq. Novo Nordisk Pharmaceuticals, Inc.,
100 College Road West, Princeton, NJ, 08540, US

	NUMBER	PK	DATE
PATENT INFORMATION:	US 2003220255	A1	20031127
APPLICATION INFORMATION:	US 2003-406426		20030403

	NUMBER	DATE
PRIORITY APPLN. INFO.:	DK 2002-499	20020404
	US 2002-375255P	20020423 (Provisional)
FAMILY INFORMATION:	US 2003220255	20031127
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Patent Application - First Publication	
	CHEMICAL APPLICATION	

PARENT CASE DATA:

This application claims priority under 35 U.S.C. 119 of Danish application no. PA 2002 00499 filed Apr. 4, 2002, and to U.S. provisional application No. 60/375255 filed Apr. 23, 2002, the contents of which are fully incorporated herein by reference.

NUMBER OF CLAIMS: 90

AB Methods and uses for the treatment and prevention of cardiac and cardiovascular diseases comprising administration of a GLP-1 agonist.

CLMN 90

L75 ANSWER 15 OF 58 USPATFULL on STN DUPLICATE 5

ACCESSION NUMBER: 2003:140985 USPATFULL

TITLE: Compounds useful as modulators of melanocortin receptors and pharmaceutical compositions comprising same

INVENTOR(S): Yu, Guixue, Lawrenceville, NJ, UNITED STATES
Macor, John, Guilford, CT, UNITED STATES
Herpin, Timothy, Princeton, NJ, UNITED STATES
Lawrence, R. Michael, Yardley, PA, UNITED STATES
Morton, George C., Collegeville, PA, UNITED STATES

Ruel, Rejean, Saint-Lambert, CANADA
Poindexter, Graham S., Old Saybrook, CT, UNITED STATES
Ruediger, Edward H., Greenfield Park, CANADA
Thibault, Carl, Mascouche, CANADA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003096827	A1	20030522
	US 6713487	B2	20040330
APPLICATION INFO.:	US 2002-90288	A1	20020304 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-273206P	20010302 (60)
	US 2001-273291P	20010302 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2509	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having the formula (I), ##STR1##

NR.sub.11R.sub.12; G is a novel side chain selected from C.sub.2-6alkenyl, A.sub.3-aryl, --OR.sub.18, heteroaryl, A.sub.1-cyano, A.sub.2--OR.sub.17, A.sub.1--C(.dbd.O)R.sub.18, A.sub.1--CO.sub.2R.sub.18, A.sub.1--C(.dbd.O)NR.sub.18R.sub.19, A.sub.1--OC(.dbd.O)R.sub.18, A.sub.1--NR.sub.18C(.dbd.O)R.sub.19, A.sub.1--OC(.dbd.O)NR.sub.18R.sub.19, A.sub.1--NR.sub.18CO.sub.2R.sub.19, A.sub.1--NR.sub.18SO.sub.2R.sub.17, A.sub.1--SO.sub.2R.sub.17, A.sub.1--NR.sub.20C(.dbd.O)NR.sub.18R.sub.19, and A.sub.1--SR.sub.18; or when y is 0 or when W is not NHR.sub.22, G may be A.sub.1-heterocyclo, wherein A.sub.1 is a bond, C.sub.1-6alkylene or C.sub.2-alkenylene, A.sub.2 is C.sub.1-6alkylene or C.sub.2-6alkenylene, and A.sub.3 is C.sub.2-6alkenylene; W is selected from --NR.sub.21R.sub.22, --OR.sub.23, --NR.sub.21C(.dbd.O)R.sub.24, --NR.sub.21CO.sub.2R.sub.24, amidino, guanidino, or a heteroaryl, heterocyclo or C.sub.3-7cycloalkyl as defined in the specification, and X and R.sub.1 through R.sub.24 are as defined in the specification, are effective as modulators of melanocortin-receptors, particularly MC-1R and MC-4R.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 16 OF 58 USPATFULL on STN
ACCESSION NUMBER: 2003:318756 USPATFULL
TITLE: Bone morphogenic protein polynucleotides, polypeptides, and antibodies
INVENTOR(S): Young, Paul E., Gaithersburg, MD, UNITED STATES
Ruben, Steven M., Brookeville, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003224501	A1	20031204
APPLICATION INFO.:	US 2003-366345	A1	20030214 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2003-345236, filed on 16 Jan 2003, PENDING Continuation-in-part of Ser. No. US 2001-809269, filed on 16 Mar 2001, ABANDONED Continuation-in-part of Ser. No. WO 2001-US9229, filed on 23 Mar 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-356749P	20020215 (60)

US 2000-190067P 20000317 (60)
US 2002-348621P 20020117 (60)
US 2002-349356P 20020122 (60)
US 2002-351520P 20020128 (60)
US 2002-354265P 20020206 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 42
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 23 Drawing Page(s)
LINE COUNT: 16963

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human BMP polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human BMP polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human BMP polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 17 OF 58 USPATFULL on STN
ACCESSION NUMBER: 2003:306402 USPATFULL
TITLE: Bone morphogenic protein polynucleotides, polypeptides,
and antibodies
INVENTOR(S): Young, Paul E., Gaithersburg, MD, UNITED STATES
Ruben, Steven M., Brookeville, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003215836	A1	20031120
APPLICATION INFO.:	US 2003-345236	A1	20030116 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-809269, filed on 16 Mar 2001, ABANDONED Continuation-in-part of Ser. No. WO 2001-US9229, filed on 23 Mar 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-190067P	20000317 (60)
	US 2002-348621P	20020117 (60)
	US 2002-349356P	20020122 (60)
	US 2002-351520P	20020128 (60)
	US 2002-354265P	20020206 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 41
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 10 Drawing Page(s)
LINE COUNT: 17572

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human BMP polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human BMP polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human BMP polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 18 OF 58 USPATFULL on STN

ACCESSION NUMBER: 2003:238532 USPATFULL
 TITLE: Use of compounds for decreasing activity of hormone-sensitive
 INVENTOR(S): Ebdrup, Soren, Roskilde, DENMARK
 de Jong, Johannes Cornelis, Bagsvaerd, NETHERLANDS
 Jacobsen, Poul, Slangerup, DENMARK
 Hansen, Holger Claus, Vaerloose, DENMARK
 Vedso, Per, Frederiksberg, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003166690	A1	20030904
APPLICATION INFO.:	US 2002-319212	A1	20021213 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	DK 2001-1879	20011214
	DK 2002-645	20020430
	DK 2002-1000	20020627
	DK 2002-1562	20021011
	US 2002-346909P	20020103 (60)
	US 2002-384243P	20020530 (60)
	US 2002-393068P	20020628 (60)
	US 2002-418481P	20021015 (60)

DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: Reza Green, Esq., Novo Nordisk Pharmaceuticals, Inc.,
 100 College Road West, Princeton, NJ, 08540

NUMBER OF CLAIMS: 46
 EXEMPLARY CLAIM: 1
 LINE COUNT: 15810

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Use of compounds to inhibit hormone-sensitive lipase, pharmaceutical compositions comprising the compounds, methods of treatment employing these compounds and compositions, and novel compounds. The present compounds are inhibitors of hormone-sensitive lipase and may be useful in the treatment and/or prevention of medical disorders where a decreased activity of hormone-sensitive lipase is desirable.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 19 OF 58 USPATFULL on STN

ACCESSION NUMBER: 2003:238486 USPATFULL
 TITLE: Compounds and uses thereof for decreasing activity of hormone-sensitive lipase
 INVENTOR(S): Ebdrup, Soren, Roskilde, DENMARK
 de Jong, Johannes Cornelis, Bagsvaerd, DENMARK
 Jacobsen, Poul, Slangerup, DENMARK
 Hansen, Holger Claus, Vaerloose, DENMARK
 Vedso, Per, Frederiksberg, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003166644	A1	20030904
APPLICATION INFO.:	US 2002-319885	A1	20021213 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	DK 2001-1879	20011214
	DK 2002-645	20020430
	DK 2002-1000	20020627
	DK 2002-1562	20021011
	US 2002-346909P	20020103 (60)
	US 2002-384243P	20020530 (60)
	US 2002-393068P	20020628 (60)
	US 2002-418481P	20021015 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Reza Green, Esq., Novo Nordisk Pharmaceuticals, Inc.,
100 College Road West, Princeton, NJ, 08540
NUMBER OF CLAIMS: 327
EXEMPLARY CLAIM: 1
LINE COUNT: 20859

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Use of compounds to inhibit hormone-sensitive lipase, pharmaceutical compositions comprising the compounds, methods of treatment employing these compounds and compositions, and novel compounds. The present compounds are inhibitors of hormone-sensitive lipase and may be useful in the treatment and/or prevention of medical disorders where a decreased activity of hormone-sensitive lipase is desirable.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 20 OF 58 USPATFULL on STN

ACCESSION NUMBER: 2003:200810 USPATFULL

TITLE: Polynucleotide encoding a novel human growth factor with homology to epidermal growth factor, BGS-8, expressed highly in immune tissue

INVENTOR(S): Wu, Shujian, Langhorne, PA, UNITED STATES
Lee, Liana M., North Brunswick, NJ, UNITED STATES
Feder, John N., Belle Mead, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003138795	A1	20030724
APPLICATION INFO.:	US 2002-173461	A1	20020614 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-298340P	20010614 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	11 Drawing Page(s)	
LINE COUNT:	13042	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides novel polynucleotides encoding BGS-8 polypeptides, fragments and homologues thereof. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel BGS-8 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 21 OF 58 USPATFULL on STN

ACCESSION NUMBER: 2003:134643 USPATFULL

TITLE: Compounds useful as modulators of melanocortin receptors and pharmaceutical compositions comprising same

INVENTOR(S): Yu, Guixue, Lawrenceville, NJ, UNITED STATES
Macor, John, Guilford, CT, UNITED STATES
Herpin, Timothy, Princeton, NJ, UNITED STATES
Lawrence, R. Michael, Yardley, PA, UNITED STATES
Morton, George C., Collegeville, PA, UNITED STATES

Ruel, Rejean, Saint-Lambert, CANADA
Poindexter, Graham S., Old Saybrook, CT, UNITED STATES
Ruediger, Edward H., Greenfield Park, CANADA
Thibault, Carl, Mascouche, CANADA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003092732	A1	20030515
APPLICATION INFO.:	US 2002-90582	A1	20020304 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-273206P	20010302 (60)
	US 2001-273291P	20010302 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2878	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having the formula (I), and pharmaceutically-acceptable salts, hydrates and prodrugs thereof, ##STR1##

in which E is

X is N or CH, W is --NR.sub.16R.sub.17, --NR.sub.16C(.dbd.O)R.sub.22, --NR.sub.16CO.sub.2R.sub.22, --OR.sub.23, or a heteroaryl or heterocyclo group as defined in the specification, and R.sub.1 through R.sub.12, R.sub.16, R.sub.17, R.sub.22, R.sub.23, x, y, and z are as defined in the specification, are useful as modulators of melanocortin receptors, particularly MC-1R and MC-4R.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 22 OF 58 USPATFULL on STN

ACCESSION NUMBER: 2003:100059 USPATFULL

TITLE: Co-administration of melanocortin receptor agonist and phosphodiesterase inhibitor for treatment of cyclic-AMP associated disorders

INVENTOR(S): Macor, John E., Guilford, CT, UNITED STATES
Carlson, Kenneth E., West Windsor, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003069169	A1	20030410
APPLICATION INFO.:	US 2002-90258	A1	20020304 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-273206P	20010302 (60)
	US 2001-273291P	20010302 (60)
	US 2001-289719P	20010509 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	2497	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Co-administration of a melanocortin receptor agonist, particularly an MC-1R or MC-4R agonist, and a cAMP phosphodiesterase inhibitor is described for modulating levels of cyclic adenoise 3',5' monophosphate

(cAMP) in a mammal. The inventive co-administration is useful in the treatment of diseases affected by activity of cAMP-PDE, including without limitation, inflammatory bowel disease, irritable bowel syndrome, rheumatoid arthritis, osteoarthritis, pancreatitis, psoriasis, migraine, Alzheimer's Disease, Parkinson's disease, transplant rejection, asthma, acute respiratory distress syndrome, chronic obstructive pulmonary disease, stroke, and neurodegeneration of, and consequences of traumatic brain injury.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 23 OF 58 USPATFULL on STN
ACCESSION NUMBER: 2003:57903 USPATFULL
TITLE: Lowering serum lipids
INVENTOR(S): Knudsen, Liselotte Bjerre, Valby, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003040469	A1	20030227
APPLICATION INFO.:	US 2001-800541	A1	20010307 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	DK 2000-375	20000308
	US 2000-191593P	20000320 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Steve T. Zelson, Esq., Novo Nordisk of North America, Inc., Suite 6400, 405 Lexington Avenue, New York, NY, 10174-6400	

NUMBER OF CLAIMS: 25
EXEMPLARY CLAIM: 1
LINE COUNT: 2265

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides methods for lowering serum lipids in a patient by administering a GLP-1 agonist. The invention is useful for treating diseases that may be alleviated by lowering serum lipid levels, including, e.g., cardiovascular disease and diabetes.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 24 OF 58 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: 2004-022543 [02] WPIDS

DOC. NO. CPI: C2004-007005

TITLE: Use of a **glucagon like peptide-1** agonist or its salt for the preparation of a pharmaceutical composition for the treatment or prevention of an early cardiac or early cardiovascular disease in a diabetic or non-diabetic patient.

DERWENT CLASS: B04

INVENTOR(S): CARR, R D; CHRISTOFFERSEN, C; ELBROND, B; KNUDSEN, L B; LARSEN, J; NIELSEN, L B; ROLIN, B C; SELMER, J

PATENT ASSIGNEE(S): (CARR-I) CARR R D; (CHRI-I) CHRISTOFFERSEN C; (ELBR-I) ELBROND B; (KNUD-I) KNUDSEN L B; (LARS-I) LARSEN J; (NIEL-I) NIELSEN L B; (ROLI-I) ROLIN B C; (SELM-I) SELMER J; (NOVO) NOVO NORDISK AS

COUNTRY COUNT: 103

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
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WO 2003084563	A1	20031016	(200402)*	EN	14
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RW: AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS
LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA
ZM ZW

US 2003220255 A1 20031127 (200402)
AU 2003226913 A1 20031020 (200436)

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2003084563	A1	WO 2003-DK216	20030402
US 2003220255	A1 Provisional	US 2002-375255P	20020423
		US 2003-406426	20030403
AU 2003226913	A1	AU 2003-226913	20030402

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 2003226913	A1 Based on	WO 2003084563

PRIORITY APPLN. INFO: US 2002-375255P 20020423; DK
2002-499 20020404; US
2003-406426 20030403

AN 2004-022543 [02] WPIDS
AB WO2003084563 A UPAB: 20040107

NOVELTY - In the treatment or prevention of an early cardiac or early cardiovascular disease in a diabetic or non-diabetic patient a **glucagon like peptide-1** (GLP1) agonist or its salt is used.

ACTIVITY - Cardiant; Cardiovascular-Gen.; Antiarrhythmic; Antianginal; Antiarteriosclerotic; Vasotropic; Hypotensive.

MECHANISM OF ACTION - Glucose metabolism regulator; Cardiovascular hemodynamics regulator; Brain natriuretic peptide (BNP) in plasma and/or heart tissue inhibitor. Hearts from 12 streptozotocin (STZ)-treated pigs were collected. The pigs were treated with STZ 2 weeks prior to dosing with either the **GLP-1** derivative, Arg34, Lys26(N- eta (gamma -Glu(N- alpha -hexadecanoyl))) -**GLP-1**(7-37) (NN2211) for 4 weeks, at a dose of 3.3 micro g/kg, subcutaneously once daily or with a vehicle. STZ-treated pigs were either hyperglycemic or glucose intolerant and had impaired insulin secretion upon oral glucose tolerance tests. BNP mRNA and protein levels in cardiac biopsies were measured with real-time PCR and RIA assays, respectively. BNP mRNA levels were normalized by beta -actin mRNA levels. BNP mRNA levels were similar in right atrial (RA), left atrial (LA) and in left ventricular (LV) biopsies from vehicle treated diabetic pigs (-GLP). However, in hearts from NN2211 (+GLP) treated pigs the levels of BNP were significantly lower than in vehicle treated pigs. The BNP mRNAs (arb.units) in the RA, LA and LV in the NN2211/vehicle treated pigs was found to be 0.13/1.3, 0.37/1.5 and 0.75/1.15, respectively.

USE - For the treatment or prevention of an early cardiac or early cardiovascular disease (e.g. left ventricular hypertrophy, coronary artery disease, essential hypertension, acute hypertensive emergency, cardiomyopathy, heart insufficiency, exercise tolerance, chronic heart failure, arrhythmia, cardiac dysrhythmia, syncope, atherosclerosis, mild chronic heart failure, angina pectoris, cardiac bypass reocclusion, **intermittent claudication** (e.g. atherosclerosis obliterans), diastolic dysfunction and systolic dysfunction) in a diabetic or non-diabetic patient; for the preparation of a pharmaceutical composition for reducing the level of brain natriuretic peptide (BNP) in plasma and/or heart tissue in a diabetic or non-diabetic patient (all claimed). Also useful for the treatment of myocardial infarction, acute coronary syndrome, unstable angina, non-Q-wave cardiac necrosis, Q-wave myocardial infarct and morbidity after stroke.

ADVANTAGE - The GLP-1 agonists are in the form of stable derivatives and exhibit a protracted profile of action compared to the corresponding other GLP-1 analogs. The GLP-1 analogs lower the brain natriuretic peptide (BNP) in the plasma and/or heart tissue, in addition to lowering blood glucose and plasma lipids.
Dwg.0/1

L75 ANSWER 25 OF 58 COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 2002:241031 NLDB
TITLE: OTHER NEWS TO NOTE.
SOURCE: BIOWORLD Today, (26 Sep 2002) Vol. 13, No. 185.
PUBLISHER: Medical Economics/Thomson Healthcare
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 2214

L75 ANSWER 26 OF 58 USPATFULL on STN DUPLICATE 6

ACCESSION NUMBER: 2002:259599 USPATFULL
TITLE: Compounds derived from an amine nucleus and pharmaceutical compositions comprising same
INVENTOR(S): Liu, Chunjian, Pennington, NJ, UNITED STATES
Dhar, T.G. Murali, Newtown, PA, UNITED STATES
Gu, Henry H., Bordentown, NJ, UNITED STATES
Iwanowicz, Edwin J., Cranbury, NJ, UNITED STATES
Leftheris, Katerina, Skillman, NJ, UNITED STATES
Pitts, William J., Newtown, PA, UNITED STATES
Herpin, Timothy F., Princeton, NJ, UNITED STATES
Pi, Zulan, Pennington, NJ, UNITED STATES
Bisacchi, Gregory S., Ringoes, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002143176	A1	20021003
	US 6596747	B2	20030722
APPLICATION INFO.:	US 2001-997963	A1	20011129 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1999-428432, filed on 27 Oct 1999, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-106186P	19981029 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2608	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	Compounds having the formula (I), ##STR1##	

are effective as inhibitors of IMPDH enzyme and/or serine protease Factor VIIa, wherein B is a monocyclic or bicyclic carbocyclic or heterocyclic ring, D is a monocyclic or bicyclic carbocyclic or heterocyclic ring except when A is a heterocyclic ring, then D is a heterocyclic ring system, R is hydrogen or C.sub.1-4alkyl, and A, R.sub.1, R.sub.2 and R.sub.4 are as defined in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 27 OF 58 USPATFULL on STN DUPLICATE 7

ACCESSION NUMBER: 2002:85574 USPATFULL
TITLE: Lactam inhibitors of FXa and method
INVENTOR(S): Stein, Philip D., Pennington, NJ, UNITED STATES

Shi, Yan, Flourtown, PA, UNITED STATES
O'Connor, Stephen P., Newtown, PA, UNITED STATES
Li, Chi, Randolph, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002045616	A1	20020418
	US 6511973	B2	20030128
APPLICATION INFO.:	US 2001-916941	A1	20010727 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-222498P	20000802 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MARLA J MATHIAS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	10	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1116	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	Compound of the formula ##STR1##	

are inhibitors of the enzyme Factor Xa. These compounds are useful as anticoagulants in the treatment of cardiovascular diseases associated with thromboses.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 28 OF 58 USPATFULL on STN DUPLICATE 8
ACCESSION NUMBER: 2002:43590 USPATFULL
TITLE: Lactam inhibitors of factor Xa and method
INVENTOR(S): Stein, Philip D., Pennington, NJ, UNITED STATES
O'Connor, Stephen P., Newtown, PA, UNITED STATES
Shi, Yan, Flourtown, PA, UNITED STATES
Li, Chi, Randolph, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002025957	A1	20020228
	US 6544981	B2	20030408
APPLICATION INFO.:	US 2001-874739	A1	20010605 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-210384P	20000609 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MARLA J MATHIAS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	29	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2820	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	Lactam inhibitors are provided which have the structure ##STR1##	

including pharmaceutically acceptable salts thereof and all stereoisomers thereof, and prodrug esters thereof, wherein n is 1 to 5; and

and R.sub.1, R.sub.2, R.sub.3, R.sub.4, R.sub.5, R.sub.6, R.sub.7, R.sub.8, R.sub.9, R.sub.10, R.sub.10a, R.sub.11 and R.sub.12 are as defined herein. These compounds are inhibitors of Factor Xa and thus are useful as anticoagulants. A method for treating cardiovascular diseases associated with thromboses is also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 29 OF 58 USPATFULL on STN

ACCESSION NUMBER: 2002:165232 USPATFULL

TITLE: Fused 1,2,4- thiadiazine derivatives, their preparation and use

INVENTOR(S): Hansen, John Bondo, Jyderup, DENMARK
Nielsen, Flemming Elmelund, Virum, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002086861	A1	20020704
APPLICATION INFO.:	US 2001-12145	A1	20011207 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-464979, filed on 16 Dec 1999, PATENTED		

	NUMBER	DATE
PRIORITY INFORMATION:	DK 1998-1693	19981218
	DK 1999-18	19990111
	US 1999-115544P	19990112 (60)
	US 1999-116438P	19990120 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Reza Green, Esq., Nova Nordisk of North America, Inc., Suite 6400, 405 Lexington Avenue, New York, NY, 10174-6401	
NUMBER OF CLAIMS:	33	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1153	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to 4H-thieno[3,2-e]-1,2,4-thiadiazine derivatives of the general formula: ##STR1##

wherein X, Y, R.sup.1, R.sup.2 and R.sup.3 are defined in the description, compositions thereof and methods for preparing the compounds are described.

The compounds are useful in the treatment of diseases of the central nervous system, the cardiovascular system, the pulmonary system, the gastrointestinal system and the endocrinological system.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 30 OF 58 USPATFULL on STN

ACCESSION NUMBER: 2001:226624 USPATFULL

TITLE: Fused 1,2,4-thiadiazine derivatives, their preparation and use

INVENTOR(S): Hansen, John Bondo, Jyderup, Denmark
Nielsen, Flemming Elmelund, Virum, Denmark

PATENT ASSIGNEE(S): Novo Nordisk A/S, Bagsvaerd, Denmark (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6329367	B1	20011211
APPLICATION INFO.:	US 1999-464979		19991216 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	DK 1998-1693	19981218
	DK 1999-18	19990111
	US 1999-115544P	19990112 (60)
	US 1999-116438P	19990120 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	

PRIMARY EXAMINER: Shah, Mukund J.
ASSISTANT EXAMINER: Truong, Tamthom N.
LEGAL REPRESENTATIVE: Green, Esq., Reza, Agris, Esq., Cheryl H.
NUMBER OF CLAIMS: 30
EXEMPLARY CLAIM: 1
LINE COUNT: 1111

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to 4H-thieno[3,2-e]-1,2,4-thiadiazine derivatives of the general formula: ##STR1##

wherein X, Y, R.sup.1, R.sup.2 and R.sup.3 are defined in the description, compositions thereof and methods for preparing the compounds are described.

The compounds are useful in the treatment of diseases of the central nervous system, the cardiovascular system, the pulmonary system, the gastrointestinal system and the endocrinological system.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 31 OF 58 USPATFULL on STN
ACCESSION NUMBER: 2001:71545 USPATFULL
TITLE: Fused 1,4-thiazine-2-carbonitrile derivatives, their preparation and use
INVENTOR(S): Hansen, Holger Claus, V.ae butted.rl.o slashed.se, Denmark
Tagmose, Tina M.o slashed.ller, Ballerup, Denmark
Hansen, John Bondo, Jyderup, Denmark
PATENT ASSIGNEE(S): Novo Nordisk A/S, Bagsvaerd, Denmark (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6232310	B1	20010515
APPLICATION INFO.:	US 2000-520447		20000308 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	DK 1999-353	19990312
	US 1999-125883P	19990324 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Shah, Mukund J.	
ASSISTANT EXAMINER:	McKenzie, Thomas	
LEGAL REPRESENTATIVE:	Zelson, Esq., Steve T., Rozek, Esq., Carol E.	
NUMBER OF CLAIMS:	18	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1463	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to fused 1,4-thiazine-2-carbonitrile derivatives, compositions thereof and methods for preparing the compounds.

The compounds are useful in the treatment of diseases of the central nervous system, the cardiovascular system, the pulmonary system, the gastrointestinal system and the endocrinological system.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 32 OF 58 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN
ACCESSION NUMBER: 2001-602602 [68] WPIDS
CROSS REFERENCE: 2002-707076 [76]
DOC. NO. CPI: C2001-178492
TITLE: Use of **glucagon-like peptide**
-1 agonist for manufacturing a medicament for lowering total serum lipids e.g. low density lipoproteins

and cholesterol.
 DERWENT CLASS: B04
 INVENTOR(S): KNUDSEN, L B; LARSEN, P J; SELMER, J; STURIS, J
 PATENT ASSIGNEE(S): (NOVO) NOVO NORDISK AS
 COUNTRY COUNT: 94
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2001066135	A1	20010913	(200168)*	EN	52
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW					
AU 2001037254	A	20010917	(200204)		
EP 1263458	A1	20021211	(200301)	EN	
R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
JP 2003525908	W	20030902	(200358)		71

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2001066135	A1	WO 2001-DK150	20010308
AU 2001037254	A	AU 2001-37254	20010308
EP 1263458	A1	EP 2001-909571	20010308
		WO 2001-DK150	20010308
JP 2003525908	W	JP 2001-564787	20010308
		WO 2001-DK150	20010308

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 2001037254	A Based on	WO 2001066135
EP 1263458	A1 Based on	WO 2001066135
JP 2003525908	W Based on	WO 2001066135

PRIORITY APPLN. INFO: DK 2000-375 20000308

AN 2001-602602 [68] WPIDS

CR 2002-707076 [76]

AB WO 200166135 A UPAB: 20030910

NOVELTY - A medicament for lowering total serum lipids comprise glucagon-like peptide (GLP)-1 agonist.

ACTIVITY - Antilipemic; Cardiant; Cerebroprotective; Antidiabetic; Antiarteriosclerotic; Vasotropic; Nootropic; Antianginal; Anorectic.

Acute and subchronic anorectic effects of Arg34,Lys26(N approx. e-(approx. c-Glu(N approx. a-hexadecanoyl))-GLP-1(7 - 23)(GLP-1) were studied in both normal Wistar rats and a model of hypothalamic obesity (Wistar rats subjected to neonatal monosodium glutamate treatment (MSG)). MSG lesioned rats were randomly assigned to groups receiving GLP-1 or vehicle.

GLP-1 (100 mg/kg) was administered by subcutaneous injection twice daily. GLP-1 was dissolved in sterile phosphate buffered saline (50 mM, pH 7.4) to a final concentration of either 0.1 or 1 mg/ml. An inhibition of food intake was observed, accompanied by reduced body weight, initial decreases in water intake and increases in diuresis were normalized within few days of treatment, and plasma parameters of renal function remained normal throughout the experiment. Lowered plasma levels of triglycerides were observed. In normal rats from 1.58 plus or minus 0.1 - 1.21 plus or minus 0.3 mM and in MSG rats 2.27 plus or minus 0.3 - 1.49 plus or minus 0.1 mM.

MECHANISM OF ACTION - GLP-1 agonist.

USE - For manufacturing a medicament for lowering total serum lipids, such as low density lipoproteins (LDL); particularly small, dense LDL, very low density lipoproteins (VLDL); triglycerides, cholesterol, LDL/HDL ratio and non-esterified fatty acid, for increasing high density lipoproteins (HDL), lowering plasma levels of lipoprotein (Lp(a)), inhibiting generation of apolipoprotein (a) (apo(a)); for treating dyslipidemia in humans (all claimed) and also for lowering fatty acids, such as free fatty acids and non-esterified fatty acids (all claimed). The medicament is also useful for treating a condition such as cardiovascular diseases, stroke, cerebral hemorrhage, coronary heart disease, coronary artery disease, diabetic vasculopathy, atherosclerosis, peripheral atherosclerosis, arteriosclerosis, myocardial infarction, restenosis, peripheral artery disease, **intermittent claudication**, aneurisms of aorta and other large arteries, by pass graft stenosis, diabetes mellitus (type I and II), hyperglycemia and for an anticoagulative treatment e.g. following a coronary thrombosis or after surgery.

ADVANTAGE - GLP-1 show a long-term effect in lowering levels of plasma lipids such as triglycerides, cholesterol and non-esterified fatty acids.
Dwg.0/0

L75 ANSWER 33 OF 58 USPATFULL on STN

ACCESSION NUMBER: 2000:102332 USPATFULL

TITLE: Metformin formulations and method for treating **intermittent claudication** employing same

INVENTOR(S): Rogosky, Karen M., Robbinsville, NJ, United States

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, Princeton, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6100300		20000808
APPLICATION INFO.:	US 1998-67565		19980428 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Fonda, Kathleen K.		
LEGAL REPRESENTATIVE:	Rodney, Burton		
NUMBER OF CLAIMS:	6		
EXEMPLARY CLAIM:	1		
LINE COUNT:	331		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel metformin formulations are provided which include metformin or metformin salts preferably the hydrochloride salt in doses below that employed for treating diabetes such as metformin in daily amounts of 400 mg or below. A method for treating peripheral vascular disease including **intermittent claudication** employing such metformin formulations is also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L75 ANSWER 34 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: ADH73030 peptide DGENE

TITLE: Use of a **glucagon like peptide-1** agonist or its salt for the preparation of a pharmaceutical composition for the treatment or prevention of an early cardiac or early cardiovascular disease in a diabetic or non-diabetic patient.

INVENTOR: Knudsen L B; Rolin B C; Carr R D; Selmer J; Larsen J; Elbrond B; Nielsen L B; Christoffersen C

PATENT ASSIGNEE: (NOVO)NOVO NORDISK AS.

PATENT INFO: WO 2003084563 A1 20031016 14p

APPLICATION INFO: WO 2003-DK216 20030402

PRIORITY INFO: DK 2002-499 20020404

US 2002-375255P 20020423

DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 2004-022543 [02]
DESCRIPTION: **Glucagon like peptide-1**
related **exendin** peptide 2.

AN ADH73030 peptide DGENE

AB This invention relates to a novel method for the treatment or prevention of an early cardiac or early cardiovascular disease in a diabetic or non-diabetic patient where a **glucagon like peptide-1 (GLP 1)** agonist or its salt is used. The invention may be useful for the development of compounds with a cardiant, cardiovascular-Gen, antiarrhythmic, antianginal, antiarteriosclerotic, vasotropic or hypotensive activity through action as glucose metabolism regulators or cardiovascular haemodynamics regulators. The invention may be used for the treatment or prevention of an early cardiac or early cardiovascular disease (for example left ventricular hypertrophy, coronary artery disease, essential hypertension, acute hypertensive emergency, cardiomyopathy, heart insufficiency, exercise tolerance, chronic heart failure, arrhythmia, cardiac dysrhythmia, syncope, atherosclerosis, mild chronic heart failure, angina pectoris, cardiac bypass reocclusion, **intermittent claudication** (for example atherosclerosis obliterans), diastolic dysfunction and systolic dysfunction) in a diabetic or non-diabetic patient; for the preparation of a pharmaceutical composition for reducing the level of brain natriuretic peptide (BNP) in plasma and/or heart tissue in a diabetic or non-diabetic patient. The invention may also be useful for the treatment of myocardial infarction, acute coronary syndrome, unstable angina, non-Q-wave cardiac necrosis, Q-wave myocardial infarct and morbidity after stroke. The **GLP-1** agonists are in the form of stable derivatives and exhibit a protracted profile of action compared to the corresponding other **GLP-1** analogues. The **GLP-1** analogues lower the brain natriuretic peptide (BNP) in the plasma and/or heart tissue, in addition to lowering blood glucose and plasma lipids. The present sequence is that of an **exendin** peptide which is related to the invention.

L75 ANSWER 35 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: ADH73029 peptide DGENE

TITLE: Use of a **glucagon like peptide-1** agonist or its salt for the preparation of a pharmaceutical composition for the treatment or prevention of an early cardiac or early cardiovascular disease in a diabetic or non-diabetic patient.

INVENTOR: Knudsen L B; Rolin B C; Carr R D; Selmer J; Larsen J; Elbrond B; Nielsen L B; Christoffersen C

PATENT ASSIGNEE: (NOVO)NOVO NORDISK AS.

PATENT INFO: WO 2003084563 A1 20031016 14p

APPLICATION INFO: WO 2003-DK216 20030402

PRIORITY INFO: DK 2002-499 20020404

US 2002-375255P 20020423

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2004-022543 [02]

DESCRIPTION: **Glucagon like peptide-1**
related **exendin** peptide 1.

AN ADH73029 peptide DGENE

AB This invention relates to a novel method for the treatment or prevention of an early cardiac or early cardiovascular disease in a diabetic or non-diabetic patient where a **glucagon like peptide-1 (GLP 1)** agonist or its salt is used. The invention may be useful for the development of compounds with a cardiant, cardiovascular-Gen, antiarrhythmic, antianginal, antiarteriosclerotic, vasotropic or hypotensive activity through action as glucose metabolism regulators or cardiovascular haemodynamics regulators. The invention may be used for the treatment or

prevention of an early cardiac or early cardiovascular disease (for example left ventricular hypertrophy, coronary artery disease, essential hypertension, acute hypertensive emergency, cardiomyopathy, heart insufficiency, exercise tolerance, chronic heart failure, arrhythmia, cardiac dysrhythmia, syncope, atherosclerosis, mild chronic heart failure, angina pectoris, cardiac bypass reocclusion, **intermittent claudication** (for example atherosclerosis obliterans), diastolic dysfunction and systolic dysfunction) in a diabetic or non-diabetic patient; for the preparation of a pharmaceutical composition for reducing the level of brain natriuretic peptide (BNP) in plasma and/or heart tissue in a diabetic or non-diabetic patient. The invention may also be useful for the treatment of myocardial infarction, acute coronary syndrome, unstable angina, non-Q-wave cardiac necrosis, Q-wave myocardial infarct and morbidity after stroke. The GLP-1 agonists are in the form of stable derivatives and exhibit a protracted profile of action compared to the corresponding other GLP-1 analogues. The GLP-1 analogues lower the brain natriuretic peptide (BNP) in the plasma and/or heart tissue, in addition to lowering blood glucose and plasma lipids. The present sequence is that of an **exendin** peptide which is related to the invention.

L75 ANSWER 36 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 ACCESSION NUMBER: ADB84200 peptide DGENE

TITLE: Method for the treatment or prevention of
intermittent claudication or
skeletal muscle injury caused by
ischemia and/or reperfusion in a human subject,
 comprises administration of a **glucagon-like**
peptide-1 molecule.

INVENTOR: Hathaway D R; Coolidge T R

PATENT ASSIGNEE: (HATH-I) HATHAWAY D R.

(COOL-I) COOLIDGE T R.

PATENT INFO: US 2003073626 A1 20030417 12p

APPLICATION INFO: US 2002-91258 20020305

PRIORITY INFO: US 1999-302596 19990430

US 2001-851738 20010509

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2003-677986 [64]

DESCRIPTION: **Glucagon-like peptide-1**
, GLP-1(7-36).

AN ADB84200 peptide DGENE

AB The invention describes a method for the treatment or prevention of
intermittent claudication or skeletal muscle injury
 caused by ischaemia and/or reperfusion in a human subject, comprising
 the administration of a **glucagon-like peptide**
-1 (GLP-1) molecule. The method is useful
 for treating or preventing **intermittent claudication**
 or skeletal muscle injury caused by ischaemia and/or reperfusion in a
 human subject suffering from peripheral vascular disease (PVD).
 Administration of **GLP-1** in a subject improves
 skeletal muscle performance by promoting glucose oxidation and reducing
 fatty acid oxidation. This is the amino acid sequence of a mammalian
glucagon-like peptide-1 peptide
GLP-1(1-37) that can be used in the method of the
 invention.

L75 ANSWER 37 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 ACCESSION NUMBER: ADB84202 peptide DGENE

TITLE: Method for the treatment or prevention of
intermittent claudication or
skeletal muscle injury caused by
ischemia and/or reperfusion in a human subject,
 comprises administration of a **glucagon-like**
peptide-1 molecule.

INVENTOR: Hathaway D R; Coolidge T R
PATENT ASSIGNEE: (HATH-I)HATHAWAY D R.
(COOL-I) COOLIDGE T R.
PATENT INFO: US 2003073626 A1 20030417 12p
APPLICATION INFO: US 2002-91258 20020305
PRIORITY INFO: US 1999-302596 19990430
US 2001-851738 20010509
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 2003-677986 [64]
DESCRIPTION: **Glucagon-like peptide-1**
, **GLP-1(9-36)**.

AN ADB84202 peptide DGENE
AB The invention describes a method for the treatment or prevention of
intermittent claudication or skeletal muscle injury
caused by ischaemia and/or reperfusion in a human subject, comprising
the administration of a **glucagon-like peptide**
-1 (GLP-1) molecule. The method is useful
for treating or preventing **intermittent claudication**
or skeletal muscle injury caused by ischaemia and/or reperfusion in a
human subject suffering from peripheral vascular disease (PVD).
Administration of **GLP-1** in a subject improves
skeletal muscle performance by promoting glucose oxidation and reducing
fatty acid oxidation. This is the amino acid sequence of a mammalian
glucagon-like peptide-1 peptide
GLP-1(1-37) that can be used in the method of the
invention.

L75 ANSWER 38 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: ADB84201 peptide DGENE
TITLE: Method for the treatment or prevention of
intermittent claudication or
skeletal muscle injury caused by
ischemia and/or reperfusion in a human subject,
comprises administration of a **glucagon-like**
peptide-1 molecule.

INVENTOR: Hathaway D R; Coolidge T R
PATENT ASSIGNEE: (HATH-I)HATHAWAY D R.
(COOL-I) COOLIDGE T R.
PATENT INFO: US 2003073626 A1 20030417 12p
APPLICATION INFO: US 2002-91258 20020305
PRIORITY INFO: US 1999-302596 19990430
US 2001-851738 20010509
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 2003-677986 [64]
DESCRIPTION: **Glucagon-like peptide-1**
, **GLP-1(9-37)**.

AN ADB84201 peptide DGENE
AB The invention describes a method for the treatment or prevention of
intermittent claudication or skeletal muscle injury
caused by ischaemia and/or reperfusion in a human subject, comprising
the administration of a **glucagon-like peptide**
-1 (GLP-1) molecule. The method is useful
for treating or preventing **intermittent claudication**
or skeletal muscle injury caused by ischaemia and/or reperfusion in a
human subject suffering from peripheral vascular disease (PVD).
Administration of **GLP-1** in a subject improves
skeletal muscle performance by promoting glucose oxidation and reducing
fatty acid oxidation. This is the amino acid sequence of a mammalian
glucagon-like peptide-1 peptide
GLP-1(1-37) that can be used in the method of the
invention.

L75 ANSWER 39 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
ACCESSION NUMBER: ADB84198 peptide DGENE

TITLE: Method for the treatment or prevention of
intermittent claudication or
skeletal muscle injury caused by
ischemia and/or reperfusion in a human subject,
comprises administration of a **glucagon-like**
peptide-1 molecule.

INVENTOR: Hathaway D R; Coolidge T R

PATENT ASSIGNEE: (HATH-I)HATHAWAY D R.

(COOL-I) COOLIDGE T R.

PATENT INFO: US 2003073626 A1 20030417 12p

APPLICATION INFO: US 2002-91258 20020305

PRIORITY INFO: US 1999-302596 19990430

US 2001-851738 20010509

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2003-677986 [64]

DESCRIPTION: **Glucagon-like peptide-1**
, GLP-1(1-36).

AN ADB84198 peptide DGENE

AB The invention describes a method for the treatment or prevention of
intermittent claudication or skeletal muscle injury
caused by ischaemia and/or reperfusion in a human subject, comprising
the administration of a **glucagon-like peptide**
-1 (GLP-1) molecule. The method is useful
for treating or preventing **intermittent claudication**
or skeletal muscle injury caused by ischaemia and/or reperfusion in a
human subject suffering from peripheral vascular disease (PVD).
Administration of **GLP-1** in a subject improves
skeletal muscle performance by promoting glucose oxidation and reducing
fatty acid oxidation. This is the amino acid sequence of a mammalian
glucagon-like peptide-1 peptide
GLP-1(1-37) that can be used in the method of the
invention.

L75 ANSWER 40 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: ADB84197 peptide DGENE

TITLE: Method for the treatment or prevention of
intermittent claudication or
skeletal muscle injury caused by
ischemia and/or reperfusion in a human subject,
comprises administration of a **glucagon-like**
peptide-1 molecule.

INVENTOR: Hathaway D R; Coolidge T R

PATENT ASSIGNEE: (HATH-I)HATHAWAY D R.

(COOL-I) COOLIDGE T R.

PATENT INFO: US 2003073626 A1 20030417 12p

APPLICATION INFO: US 2002-91258 20020305

PRIORITY INFO: US 1999-302596 19990430

US 2001-851738 20010509

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2003-677986 [64]

DESCRIPTION: **Glucagon-like peptide-1**
, GLP-1(1-37).

AN ADB84197 peptide DGENE

AB The invention describes a method for the treatment or prevention of
intermittent claudication or skeletal muscle injury
caused by ischaemia and/or reperfusion in a human subject, comprising
the administration of a **glucagon-like peptide**
-1 (GLP-1) molecule. The method is useful
for treating or preventing **intermittent claudication**
or skeletal muscle injury caused by ischaemia and/or reperfusion in a
human subject suffering from peripheral vascular disease (PVD).
Administration of **GLP-1** in a subject improves
skeletal muscle performance by promoting glucose oxidation and reducing
fatty acid oxidation. This is the amino acid sequence of a mammalian

glucagon-like peptide-1 peptide

GLP-1(1-37) that can be used in the method of the invention.

L75 ANSWER 41 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: ADB84207 peptide DGENE

TITLE: Method for the treatment or prevention of
intermittent claudication or
skeletal muscle injury caused by
ischemia and/or reperfusion in a human subject,
comprises administration of a **glucagon-like**
peptide-1 molecule.

INVENTOR: Hathaway D R; Coolidge T R

PATENT ASSIGNEE: (HATH-I)HATHAWAY D R.

(COOL-I) COOLIDGE T R.

PATENT INFO: US 2003073626 A1 20030417 12p

APPLICATION INFO: US 2002-91258 20020305

PRIORITY INFO: US 1999-302596 19990430

US 2001-851738 20010509

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2003-677986 [64]

DESCRIPTION: Gila monster venom helospectin II.

AN ADB84207 peptide DGENE

AB The invention describes a method for the treatment or prevention of
intermittent claudication or skeletal muscle injury
caused by ischaemia and/or reperfusion in a human subject, comprising
the administration of a **glucagon-like peptide**
-1 (GLP-1) molecule. The method is useful
for treating or preventing **intermittent claudication**
or skeletal muscle injury caused by ischaemia and/or reperfusion in a
human subject suffering from peripheral vascular disease (PVD).
Administration of **GLP-1** in a subject improves
skeletal muscle performance by promoting glucose oxidation and reducing
fatty acid oxidation. This is the amino acid sequence of a mammalian
glucagon-like peptide-1 peptide
GLP-1(1-37) that can be used in the method of the
invention.

L75 ANSWER 42 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: ADB84209 peptide DGENE

TITLE: Method for the treatment or prevention of
intermittent claudication or
skeletal muscle injury caused by
ischemia and/or reperfusion in a human subject,
comprises administration of a **glucagon-like**
peptide-1 molecule.

INVENTOR: Hathaway D R; Coolidge T R

PATENT ASSIGNEE: (HATH-I)HATHAWAY D R.

(COOL-I) COOLIDGE T R.

PATENT INFO: US 2003073626 A1 20030417 12p

APPLICATION INFO: US 2002-91258 20020305

PRIORITY INFO: US 1999-302596 19990430

US 2001-851738 20010509

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2003-677986 [64]

DESCRIPTION: Gila monster venom Q8,Q9 helodermin.

AN ADB84209 peptide DGENE

AB The invention describes a method for the treatment or prevention of
intermittent claudication or skeletal muscle injury
caused by ischaemia and/or reperfusion in a human subject, comprising
the administration of a **glucagon-like peptide**
-1 (GLP-1) molecule. The method is useful
for treating or preventing **intermittent claudication**
or skeletal muscle injury caused by ischaemia and/or reperfusion in a

human subject suffering from peripheral vascular disease (PVD).
Administration of **GLP-1** in a subject improves
skeletal muscle performance by promoting glucose oxidation and reducing
fatty acid oxidation. This is the amino acid sequence of a mammalian
glucagon-like peptide-1 peptide
GLP-1(1-37) that can be used in the method of the
invention.

L75 ANSWER 43 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: ADB84199 peptide DGENE

TITLE: Method for the treatment or prevention of
intermittent claudication or
skeletal muscle injury caused by
ischemia and/or reperfusion in a human subject,
comprises administration of a **glucagon-like**
peptide-1 molecule.

INVENTOR: Hathaway D R; Coolidge T R

PATENT ASSIGNEE: (HATH-I)HATHAWAY D R.
(COOL-I) COOLIDGE T R.

PATENT INFO: US 2003073626 A1 20030417 12p

APPLICATION INFO: US 2002-91258 20020305

PRIORITY INFO: US 1999-302596 19990430

US 2001-851738 20010509

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2003-677986 [64]

DESCRIPTION: **Glucagon-like peptide-1**
, GLP-1(7-37).

AN ADB84199 peptide DGENE

AB The invention describes a method for the treatment or prevention of
intermittent claudication or skeletal muscle injury
caused by ischaemia and/or reperfusion in a human subject, comprising
the administration of a **glucagon-like peptide**
-1 (GLP-1) molecule. The method is useful
for treating or preventing **intermittent claudication**
or skeletal muscle injury caused by ischaemia and/or reperfusion in a
human subject suffering from peripheral vascular disease (PVD).
Administration of **GLP-1** in a subject improves
skeletal muscle performance by promoting glucose oxidation and reducing
fatty acid oxidation. This is the amino acid sequence of a mammalian
glucagon-like peptide-1 peptide
GLP-1(1-37) that can be used in the method of the
invention.

L75 ANSWER 44 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: ADB84204 peptide DGENE

TITLE: Method for the treatment or prevention of
intermittent claudication or
skeletal muscle injury caused by
ischemia and/or reperfusion in a human subject,
comprises administration of a **glucagon-like**
peptide-1 molecule.

INVENTOR: Hathaway D R; Coolidge T R

PATENT ASSIGNEE: (HATH-I)HATHAWAY D R.
(COOL-I) COOLIDGE T R.

PATENT INFO: US 2003073626 A1 20030417 12p

APPLICATION INFO: US 2002-91258 20020305

PRIORITY INFO: US 1999-302596 19990430

US 2001-851738 20010509

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2003-677986 [64]

DESCRIPTION: Gila monster venom **exendin 4** (9-39(NH2)).

AN ADB84204 peptide DGENE

AB The invention describes a method for the treatment or prevention of
intermittent claudication or skeletal muscle injury

caused by ischaemia and/or reperfusion in a human subject, comprising the administration of a **glucagon-like peptide-1 (GLP-1)** molecule. The method is useful for treating or preventing **intermittent claudication** or skeletal muscle injury caused by ischaemia and/or reperfusion in a human subject suffering from peripheral vascular disease (PVD). Administration of **GLP-1** in a subject improves skeletal muscle performance by promoting glucose oxidation and reducing fatty acid oxidation. This is the amino acid sequence of a mammalian **glucagon-like peptide-1 peptide GLP-1(1-37)** that can be used in the method of the invention.

L75 ANSWER 45 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: ADB84205 peptide DGENE

TITLE: Method for the treatment or prevention of **intermittent claudication** or **skeletal muscle injury** caused by **ischemia** and/or reperfusion in a human subject, comprises administration of a **glucagon-like peptide-1** molecule.

INVENTOR: Hathaway D R; Coolidge T R

PATENT ASSIGNEE: (HATH-I)HATHAWAY D R.

(COOL-I) COOLIDGE T R.

PATENT INFO: US 2003073626 A1 20030417 12p

APPLICATION INFO: US 2002-91258 20020305

PRIORITY INFO: US 1999-302596 19990430

US 2001-851738 20010509

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2003-677986 [64]

DESCRIPTION: Gila monster venom **exendin 4**.

AN ADB84205 peptide DGENE

AB The invention describes a method for the treatment or prevention of **intermittent claudication** or skeletal muscle injury caused by ischaemia and/or reperfusion in a human subject, comprising the administration of a **glucagon-like peptide-1 (GLP-1)** molecule. The method is useful for treating or preventing **intermittent claudication** or skeletal muscle injury caused by ischaemia and/or reperfusion in a human subject suffering from peripheral vascular disease (PVD). Administration of **GLP-1** in a subject improves skeletal muscle performance by promoting glucose oxidation and reducing fatty acid oxidation. This is the amino acid sequence of a mammalian **glucagon-like peptide-1 peptide GLP-1(1-37)** that can be used in the method of the invention.

L75 ANSWER 46 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: ADB84206 peptide DGENE

TITLE: Method for the treatment or prevention of **intermittent claudication** or **skeletal muscle injury** caused by **ischemia** and/or reperfusion in a human subject, comprises administration of a **glucagon-like peptide-1** molecule.

INVENTOR: Hathaway D R; Coolidge T R

PATENT ASSIGNEE: (HATH-I)HATHAWAY D R.

(COOL-I) COOLIDGE T R.

PATENT INFO: US 2003073626 A1 20030417 12p

APPLICATION INFO: US 2002-91258 20020305

PRIORITY INFO: US 1999-302596 19990430

US 2001-851738 20010509

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2003-677986 [64]

DESCRIPTION: Gila monster venom helospectin I.

AN ADB84206 peptide DGENE

AB The invention describes a method for the treatment or prevention of **intermittent claudication** or skeletal muscle injury caused by ischaemia and/or reperfusion in a human subject, comprising the administration of a **glucagon-like peptide-1 (GLP-1)** molecule. The method is useful for treating or preventing **intermittent claudication** or skeletal muscle injury caused by ischaemia and/or reperfusion in a human subject suffering from peripheral vascular disease (PVD). Administration of **GLP-1** in a subject improves skeletal muscle performance by promoting glucose oxidation and reducing fatty acid oxidation. This is the amino acid sequence of a mammalian **glucagon-like peptide-1** peptide **GLP-1(1-37)** that can be used in the method of the invention.

L75 ANSWER 47 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: ADB84203 peptide DGENE

TITLE: Method for the treatment or prevention of **intermittent claudication** or **skeletal muscle injury** caused by **ischemia** and/or reperfusion in a human subject, comprises administration of a **glucagon-like peptide-1** molecule.

INVENTOR: Hathaway D R; Coolidge T R

PATENT ASSIGNEE: (HATH-I)HATHAWAY D R.
(COOL-I) COOLIDGE T R.

PATENT INFO: US 2003073626 A1 20030417 12p

APPLICATION INFO: US 2002-91258 20020305

PRIORITY INFO: US 1999-302596 19990430

US 2001-851738 20010509

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2003-677986 [64]

DESCRIPTION: Gila monster venom **exendin 3**.

AN ADB84203 peptide DGENE

AB The invention describes a method for the treatment or prevention of **intermittent claudication** or skeletal muscle injury caused by ischaemia and/or reperfusion in a human subject, comprising the administration of a **glucagon-like peptide-1 (GLP-1)** molecule. The method is useful for treating or preventing **intermittent claudication** or skeletal muscle injury caused by ischaemia and/or reperfusion in a human subject suffering from peripheral vascular disease (PVD). Administration of **GLP-1** in a subject improves skeletal muscle performance by promoting glucose oxidation and reducing fatty acid oxidation. This is the amino acid sequence of a mammalian **glucagon-like peptide-1** peptide **GLP-1(1-37)** that can be used in the method of the invention.

L75 ANSWER 48 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: ADB84208 peptide DGENE

TITLE: Method for the treatment or prevention of **intermittent claudication** or **skeletal muscle injury** caused by **ischemia** and/or reperfusion in a human subject, comprises administration of a **glucagon-like peptide-1** molecule.

INVENTOR: Hathaway D R; Coolidge T R

PATENT ASSIGNEE: (HATH-I)HATHAWAY D R.
(COOL-I) COOLIDGE T R.

PATENT INFO: US 2003073626 A1 20030417 12p

APPLICATION INFO: US 2002-91258 20020305

PRIORITY INFO: US 1999-302596 19990430

US 2001-851738 20010509
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 2003-677986 [64]
DESCRIPTION: Gila monster venom helodermin.

AN ADB84208 peptide DGENE
AB The invention describes a method for the treatment or prevention of **intermittent claudication** or skeletal muscle injury caused by ischaemia and/or reperfusion in a human subject, comprising the administration of a **glucagon-like peptide-1 (GLP-1)** molecule. The method is useful for treating or preventing **intermittent claudication** or skeletal muscle injury caused by ischaemia and/or reperfusion in a human subject suffering from peripheral vascular disease (PVD). Administration of **GLP-1** in a subject improves skeletal muscle performance by promoting glucose oxidation and reducing fatty acid oxidation. This is the amino acid sequence of a mammalian **glucagon-like peptide-1** peptide **GLP-1(1-37)** that can be used in the method of the invention.

L75 ANSWER 49 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: AAU08765 Peptide DGENE

TITLE: Use of **glucagon-like peptide-1** agonist for manufacturing a medicament for lowering total serum lipids e.g. low density lipoproteins and cholesterol -

INVENTOR: Knudsen L B; Selmer J; Sturis J; Larsen P J

PATENT ASSIGNEE: (NOVO)NOVO NORDISK AS.

PATENT INFO: WO 2001066135 A1 20010913 52p

APPLICATION INFO: WO 2001-DK150 20010308

PRIORITY INFO: DK 2000-375 20000308

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2001-602602 [68]

DESCRIPTION: Human **exendin-4** polypeptide fragment.

AN AAU08765 Peptide DGENE

AB The invention relates to a medicament for lowering serum lipids, comprising a **glucagon-like peptide-1 (GLP-1)** agonist. The **GLP-1** agonist is used for lowering total serum lipids such as low density lipoproteins particularly small, dense lipoproteins, triglycerides, cholesterol and non-esterified fatty acids, for increasing high density lipoproteins, for lowering plasma levels of lipoprotein, for inhibiting generation of apolipoprotein, for treating dyslipidaemia in humans and also for lowering fatty acids, such as free fatty acids and non-esterified fatty acids. The medicament is also useful for treating cerebrovascular diseases and cardiovascular diseases such as stroke, cerebral haemorrhage, coronary heart disease, coronary artery disease, diabetic vasculopathy, atherosclerosis, peripheral atherosclerosis, arteriosclerosis, myocardial infarction, ischaemic heart disease, restenosis, peripheral artery disease, angina pectoris, **intermittent claudication**, aneurysms of aorta and other large arteries, bypass graft stenosis and diabetes mellitus. The peptides may also be used in anticoagulative treatment e.g. following a coronary thrombosis or after surgery. This sequence represents a fragment of the **exendin-4** polypeptide, a **GLP-1** agonist.

L75 ANSWER 50 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: AAU08764 Peptide DGENE

TITLE: Use of **glucagon-like peptide-1** agonist for manufacturing a medicament for lowering total serum lipids e.g. low density lipoproteins and cholesterol -

INVENTOR: Knudsen L B; Selmer J; Sturis J; Larsen P J

PATENT ASSIGNEE: (NOVO)NOVO NORDISK AS.

PATENT INFO: WO 2001066135 A1 20010913 52p
APPLICATION INFO: WO 2001-DK150 20010308
PRIORITY INFO: DK 2000-375 20000308
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 2001-602602 [68]
DESCRIPTION: Human **exendin**-3 polypeptide fragment.

AN AAU08764 Peptide DGENE

AB The invention relates to a medicament for lowering serum lipids, comprising a **glucagon-like peptide 1 (GLP-1)** agonist. The **GLP-1** agonist is used for lowering total serum lipids such as low density lipoproteins particularly small, dense lipoproteins, triglycerides, cholesterol and non-esterified fatty acids, for increasing high density lipoproteins, for lowering plasma levels of lipoprotein, for inhibiting generation of apolipoprotein, for treating dyslipidaemia in humans and also for lowering fatty acids, such as free fatty acids and non-esterified fatty acids. The medicament is also useful for treating cerebrovascular diseases and cardiovascular diseases such as stroke, cerebral haemorrhage, coronary heart disease, coronary artery disease, diabetic vasculopathy, atherosclerosis, peripheral atherosclerosis, arteriosclerosis, myocardial infarction, ischaemic heart disease, restenosis, peripheral artery disease, angina pectoris, **intermittent claudication**, aneurysms of aorta and other large arteries, bypass graft stenosis and diabetes mellitus. The peptides may also be used in anticoagulative treatment e.g. following a coronary thrombosis or after surgery. This sequence represents a fragment of the **exendin**-3 polypeptide, a **GLP-1** agonist.

L75 ANSWER 51 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: AAU08763 Peptide DGENE

TITLE: Use of **glucagon-like peptide-1** agonist for manufacturing a medicament for lowering total serum lipids e.g. low density lipoproteins and cholesterol -

INVENTOR: Knudsen L B; Selmer J; Sturis J; Larsen P J

PATENT ASSIGNEE: (NOVO)NOVO NORDISK AS.

PATENT INFO: WO 2001066135 A1 20010913 52p

APPLICATION INFO: WO 2001-DK150 20010308

PRIORITY INFO: DK 2000-375 20000308

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2001-602602 [68]

DESCRIPTION: Human **exendin** degenerate peptide fragment.

AN AAU08763 Peptide DGENE

AB The invention relates to a medicament for lowering serum lipids, comprising a **glucagon-like peptide 1 (GLP-1)** agonist. The **GLP-1** agonist is used for lowering total serum lipids such as low density lipoproteins particularly small, dense lipoproteins, triglycerides, cholesterol and non-esterified fatty acids, for increasing high density lipoproteins, for lowering plasma levels of lipoprotein, for inhibiting generation of apolipoprotein, for treating dyslipidaemia in humans and also for lowering fatty acids, such as free fatty acids and non-esterified fatty acids. The medicament is also useful for treating cerebrovascular diseases and cardiovascular diseases such as stroke, cerebral haemorrhage, coronary heart disease, coronary artery disease, diabetic vasculopathy, atherosclerosis, peripheral atherosclerosis, arteriosclerosis, myocardial infarction, ischaemic heart disease, restenosis, peripheral artery disease, angina pectoris, **intermittent claudication**, aneurysms of aorta and other large arteries, bypass graft stenosis and diabetes mellitus. The peptides may also be used in anticoagulative treatment e.g. following a coronary thrombosis or after surgery. This sequence represents a fragment of a degenerate **exendin** polypeptide, a **GLP-1** agonist.

L75 ANSWER 52 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: AAU08762 Peptide DGENE

TITLE: Use of **glucagon-like peptide-1** agonist for manufacturing a medicament for lowering total serum lipids e.g. low density lipoproteins and cholesterol -

INVENTOR: Knudsen L B; Selmer J; Sturis J; Larsen P J

PATENT ASSIGNEE: (NOVO)NOVO NORDISK AS.

PATENT INFO: WO 2001066135 A1 20010913 52p

APPLICATION INFO: WO 2001-DK150 20010308

PRIORITY INFO: DK 2000-375 20000308

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2001-602602 [68]

DESCRIPTION: Human **glucagon-like peptide 1 (GLP-1)** agonist sequence #6.

AN AAU08762 Peptide DGENE

AB The invention relates to a medicament for lowering serum lipids, comprising a **glucagon-like peptide 1 (GLP-1)** agonist. The **GLP-1** agonist is used for lowering total serum lipids such as low density lipoproteins particularly small, dense lipoproteins, triglycerides, cholesterol and non-esterified fatty acids, for increasing high density lipoproteins, for lowering plasma levels of lipoprotein, for inhibiting generation of apolipoprotein, for treating dyslipidaemia in humans and also for lowering fatty acids, such as free fatty acids and non-esterified fatty acids. The medicament is also useful for treating cerebrovascular diseases and cardiovascular diseases such as stroke, cerebral haemorrhage, coronary heart disease, coronary artery disease, diabetic vasculopathy, atherosclerosis, peripheral atherosclerosis, arteriosclerosis, myocardial infarction, ischaemic heart disease, restenosis, peripheral artery disease, angina pectoris, **intermittent claudication**, aneurysms of aorta and other large arteries, bypass graft stenosis and diabetes mellitus. The peptides may also be used in anticoagulative treatment e.g. following a coronary thrombosis or after surgery. This sequence represents a **GLP-1** peptide agonist.

L75 ANSWER 53 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: AAU08761 Peptide DGENE

TITLE: Use of **glucagon-like peptide-1** agonist for manufacturing a medicament for lowering total serum lipids e.g. low density lipoproteins and cholesterol -

INVENTOR: Knudsen L B; Selmer J; Sturis J; Larsen P J

PATENT ASSIGNEE: (NOVO)NOVO NORDISK AS.

PATENT INFO: WO 2001066135 A1 20010913 52p

APPLICATION INFO: WO 2001-DK150 20010308

PRIORITY INFO: DK 2000-375 20000308

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2001-602602 [68]

DESCRIPTION: Human **glucagon-like peptide 1 (GLP-1)** agonist sequence #5.

AN AAU08761 Peptide DGENE

AB The invention relates to a medicament for lowering serum lipids, comprising a **glucagon-like peptide 1 (GLP-1)** agonist. The **GLP-1** agonist is used for lowering total serum lipids such as low density lipoproteins particularly small, dense lipoproteins, triglycerides, cholesterol and non-esterified fatty acids, for increasing high density lipoproteins, for lowering plasma levels of lipoprotein, for inhibiting generation of apolipoprotein, for treating dyslipidaemia in humans and also for lowering fatty acids, such as free fatty acids and non-esterified fatty acids. The medicament is also useful for treating

cerebrovascular diseases and cardiovascular diseases such as stroke, cerebral haemorrhage, coronary heart disease, coronary artery disease, diabetic vasculopathy, atherosclerosis, peripheral atherosclerosis, arteriosclerosis, myocardial infarction, ischaemic heart disease, restenosis, peripheral artery disease, angina pectoris, **intermittent claudication**, aneurysms of aorta and other large arteries, bypass graft stenosis and diabetes mellitus. The peptides may also be used in anticoagulative treatment e.g. following a coronary thrombosis or after surgery. This sequence represents a **GLP-1** peptide agonist.

L75 ANSWER 54 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: AAU08760 Peptide DGENE

TITLE: Use of **glucagon-like peptide-1** agonist for manufacturing a medicament for lowering total serum lipids e.g. low density lipoproteins and cholesterol -

INVENTOR: Knudsen L B; Selmer J; Sturis J; Larsen P J

PATENT ASSIGNEE: (NOVO)NOVO NORDISK AS.

PATENT INFO: WO 2001066135 A1 20010913 52p

APPLICATION INFO: WO 2001-DK150 20010308

PRIORITY INFO: DK 2000-375 20000308

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2001-602602 [68]

DESCRIPTION: Human **glucagon-like peptide 1 (GLP-1)** agonist sequence #4.

AN AAU08760 Peptide DGENE

AB The invention relates to a medicament for lowering serum lipids, comprising a **glucagon-like peptide 1 (GLP-1)** agonist. The **GLP-1**

agonist is used for lowering total serum lipids such as low density lipoproteins particularly small, dense lipoproteins, triglycerides, cholesterol and non-esterified fatty acids, for increasing high density lipoproteins, for lowering plasma levels of lipoprotein, for inhibiting generation of apolipoprotein, for treating dyslipidaemia in humans and also for lowering fatty acids, such as free fatty acids and non-esterified fatty acids. The medicament is also useful for treating cerebrovascular diseases and cardiovascular diseases such as stroke, cerebral haemorrhage, coronary heart disease, coronary artery disease, diabetic vasculopathy, atherosclerosis, peripheral atherosclerosis, arteriosclerosis, myocardial infarction, ischaemic heart disease, restenosis, peripheral artery disease, angina pectoris, **intermittent claudication**, aneurysms of aorta and other large arteries, bypass graft stenosis and diabetes mellitus. The peptides may also be used in anticoagulative treatment e.g. following a coronary thrombosis or after surgery. This sequence represents a **GLP-1** peptide agonist.

L75 ANSWER 55 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: AAU08759 Peptide DGENE

TITLE: Use of **glucagon-like peptide-1** agonist for manufacturing a medicament for lowering total serum lipids e.g. low density lipoproteins and cholesterol -

INVENTOR: Knudsen L B; Selmer J; Sturis J; Larsen P J

PATENT ASSIGNEE: (NOVO)NOVO NORDISK AS.

PATENT INFO: WO 2001066135 A1 20010913 52p

APPLICATION INFO: WO 2001-DK150 20010308

PRIORITY INFO: DK 2000-375 20000308

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2001-602602 [68]

DESCRIPTION: Human **glucagon-like peptide 1 (GLP-1)** agonist sequence #3.

AN AAU08759 Peptide DGENE

AB The invention relates to a medicament for lowering serum lipids, comprising a **glucagon-like peptide 1 (GLP-1) agonist**. The **GLP-1 agonist** is used for lowering total serum lipids such as low density lipoproteins particularly small, dense lipoproteins, triglycerides, cholesterol and non-esterified fatty acids, for increasing high density lipoproteins, for lowering plasma levels of lipoprotein, for inhibiting generation of apolipoprotein, for treating dyslipidaemia in humans and also for lowering fatty acids, such as free fatty acids and non-esterified fatty acids. The medicament is also useful for treating cerebrovascular diseases and cardiovascular diseases such as stroke, cerebral haemorrhage, coronary heart disease, coronary artery disease, diabetic vasculopathy, atherosclerosis, peripheral atherosclerosis, arteriosclerosis, myocardial infarction, ischaemic heart disease, restenosis, peripheral artery disease, angina pectoris, **intermittent claudication**, aneurysms of aorta and other large arteries, bypass graft stenosis and diabetes mellitus. The peptides may also be used in anticoagulative treatment e.g. following a coronary thrombosis or after surgery. This sequence represents a **GLP-1 peptide agonist**.

L75 ANSWER 56 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: AAU08758 Peptide DGENE

TITLE: Use of **glucagon-like peptide-1 agonist** for manufacturing a medicament for lowering total serum lipids e.g. low density lipoproteins and cholesterol -

INVENTOR: Knudsen L B; Selmer J; Sturis J; Larsen P J

PATENT ASSIGNEE: (NOVO)NOVO NORDISK AS.

PATENT INFO: WO 2001066135 A1 20010913 52p

APPLICATION INFO: WO 2001-DK150 20010308

PRIORITY INFO: DK 2000-375 20000308

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2001-602602 [68]

DESCRIPTION: Human **glucagon-like peptide 1 (GLP-1) agonist** sequence #2.

AN AAU08758 Peptide DGENE

AB The invention relates to a medicament for lowering serum lipids, comprising a **glucagon-like peptide 1 (GLP-1) agonist**. The **GLP-1 agonist** is used for lowering total serum lipids such as low density lipoproteins particularly small, dense lipoproteins, triglycerides, cholesterol and non-esterified fatty acids, for increasing high density lipoproteins, for lowering plasma levels of lipoprotein, for inhibiting generation of apolipoprotein, for treating dyslipidaemia in humans and also for lowering fatty acids, such as free fatty acids and non-esterified fatty acids. The medicament is also useful for treating cerebrovascular diseases and cardiovascular diseases such as stroke, cerebral haemorrhage, coronary heart disease, coronary artery disease, diabetic vasculopathy, atherosclerosis, peripheral atherosclerosis, arteriosclerosis, myocardial infarction, ischaemic heart disease, restenosis, peripheral artery disease, angina pectoris, **intermittent claudication**, aneurysms of aorta and other large arteries, bypass graft stenosis and diabetes mellitus. The peptides may also be used in anticoagulative treatment e.g. following a coronary thrombosis or after surgery. This sequence represents a **GLP-1 peptide agonist**.

L75 ANSWER 57 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: AAU08757 Peptide DGENE

TITLE: Use of **glucagon-like peptide-1 agonist** for manufacturing a medicament for lowering total serum lipids e.g. low density lipoproteins and cholesterol -

INVENTOR: Knudsen L B; Selmer J; Sturis J; Larsen P J

PATENT ASSIGNEE: (NOVO)NOVO NORDISK AS.
PATENT INFO: WO 2001066135 A1 20010913 52p
APPLICATION INFO: WO 2001-DK150 20010308
PRIORITY INFO: DK 2000-375 20000308
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 2001-602602 [68]
DESCRIPTION: Human **glucagon-like peptide**
1 (GLP-1) agonist sequence #1.

AN AAU08757 Peptide DGENE

AB The invention relates to a medicament for lowering serum lipids, comprising a **glucagon-like peptide** 1 (GLP-1) agonist. The GLP-1 agonist is used for lowering total serum lipids such as low density lipoproteins particularly small, dense lipoproteins, triglycerides, cholesterol and non-esterified fatty acids, for increasing high density lipoproteins, for lowering plasma levels of lipoprotein, for inhibiting generation of apolipoprotein, for treating dyslipidaemia in humans and also for lowering fatty acids, such as free fatty acids and non-esterified fatty acids. The medicament is also useful for treating cerebrovascular diseases and cardiovascular diseases such as stroke, cerebral haemorrhage, coronary heart disease, coronary artery disease, diabetic vasculopathy, atherosclerosis, peripheral atherosclerosis, arteriosclerosis, myocardial infarction, ischaemic heart disease, restenosis, peripheral artery disease, angina pectoris, **intermittent claudication**, aneurysms of aorta and other large arteries, bypass graft stenosis and diabetes mellitus. The peptides may also be used in anticoagulative treatment e.g. following a coronary thrombosis or after surgery. This sequence represents a GLP-1 peptide agonist.

L75 ANSWER 58 OF 58 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: AAU08756 Peptide DGENE

TITLE: Use of **glucagon-like peptide**-1 agonist for manufacturing a medicament for lowering total serum lipids e.g. low density lipoproteins and cholesterol -

INVENTOR: Knudsen L B; Selmer J; Sturis J; Larsen P J

PATENT ASSIGNEE: (NOVO)NOVO NORDISK AS.

PATENT INFO: WO 2001066135 A1 20010913 52p

APPLICATION INFO: WO 2001-DK150 20010308

PRIORITY INFO: DK 2000-375 20000308

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2001-602602 [68]

DESCRIPTION: Human **glucagon-like peptide** 1 (GLP-1) agonist degenerate sequence.

AN AAU08756 Peptide DGENE

AB The invention relates to a medicament for lowering serum lipids, comprising a **glucagon-like peptide** 1 (GLP-1) agonist. The GLP-1 agonist is used for lowering total serum lipids such as low density lipoproteins particularly small, dense lipoproteins, triglycerides, cholesterol and non-esterified fatty acids, for increasing high density lipoproteins, for lowering plasma levels of lipoprotein, for inhibiting generation of apolipoprotein, for treating dyslipidaemia in humans and also for lowering fatty acids, such as free fatty acids and non-esterified fatty acids. The medicament is also useful for treating cerebrovascular diseases and cardiovascular diseases such as stroke, cerebral haemorrhage, coronary heart disease, coronary artery disease, diabetic vasculopathy, atherosclerosis, peripheral atherosclerosis, arteriosclerosis, myocardial infarction, ischaemic heart disease, restenosis, peripheral artery disease, angina pectoris, **intermittent claudication**, aneurysms of aorta and other large arteries, bypass graft stenosis and diabetes mellitus. The peptides

may also be used in anticoagulative treatment e.g. following a coronary thrombosis or after surgery. This sequence represents a degenerate GLP-1 peptide agonist.

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